

The Student's Manual of the English Language.

LECTURES
ON THE
ENGLISH LANGUAGE.

By GEORGE P. MARSH.

EDITED, WITH ADDITIONAL LECTURES AND NOTES,

By WILLIAM SMITH, D.C.L., LL.D.

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PREFACE.

THE publication of the present Work in this country requires a few words of explanation. I had undertaken, in conjunction with my friend and colleague, the late Dr. Donaldson, a history of the English language, and had already written the introductory chapters and collected materials for the subsequent portion of the work, when his lamented death, at a time when I was burthened with other literary engagements, compelled me to postpone the design. Our purpose, however, had been, to some extent, anticipated by Mr. Marsh's excellent 'Lectures on the English Language,' and as I had not sufficient leisure to carry out alone our original plan, I thought that I should be rendering an acceptable service to the students of our language and literature by republishing these Lectures, with the addition of some of the materials which I had collected for our own work. Such is the origin of this republication; and it gives me great pleasure to acknowledge the courtesy of Mr. Marsh, who, as soon as he heard of my intention, kindly forwarded to me a copy of his book, with several corrections and additions.

Mr. Marsh, who now holds the post of Minister of the United States at the court of the King of Italy, delivered the following Lectures in the autumn and winter of 1858-59 at Columbia College in the city of New York. They formed a course of what he terms 'Post-Graduate Lectures,' and were intended, he says, "to excite a more general interest among educated men and women in the history and essential character of their native tongue, and to recommend the study of the language in its earlier literary

monuments rather than through the medium of grammars and linguistic treatises." This plan seems to me preferable to a systematic grammatical course, which is usually repulsive and seldom instructive to older students; and it has been attended with such success that the work has not only reached a fourth edition at New York in the course of two years, but has also received the emphatic commendation of the most competent judges in this country. It might be liable to misconstruction if I were to point out what appear to me the peculiar excellences of the book as contrasted with other works upon the same subject; but I may without impropriety quote the opinion of one of the ablest, perhaps the ablest living writer on the Science of Language, who remarks that "Mr. Marsh's Lectures certainly constitute one of the most acceptable contributions to English scholarship which we have received for many years from the other side of the Atlantic;" and that "we hardly know of any work that we could more honestly recommend to those who, without wishing to dive very deep into Anglo-Saxon, Icelandic, and Gothic, would be glad to learn all that is known about the origin, the history, and character of their own tongue."

With respect to the additions I have made as Editor, I may mention, in the first place, that I have substituted for the first two Lectures, which are chiefly introductory, two new chapters upon the origin, affinities, and constituent elements of the English language. In order to make the work as useful as possible to students preparing for the examinations of the India Civil Service, the University of London, and the like, it seemed advisable to enter more fully into these subjects than was consistent with the Author's original plan. For the same reason I have treated at some length of the original inhabitants of Great Britain, and have discussed the question of an early Germanic population, which Lappenberg and most modern writers suppose to have been settled in our island before the Anglo-Saxon conquest. For these chapters I am there-

fore alone responsible, though I have incorporated in them some of Mr. Marsh's remarks. In the remaining Lectures I have strictly confined myself to the duties of an editor. The only liberties I have taken with the text have been the omission of a few passages which I considered irrelevant or erroneous, the correction of an occasional grammatical inaccuracy, and the alteration of a word or phrase here and there, rendered necessary, or at least advisable, by the republication of the book in this country; but in no instance have I inserted in the text any additions of my own, but have placed them in the form of notes at the foot of the page, or at the end of each lecture. The remarks in Mr Marsh's Appendix have been transferred to their appropriate places in the body of the work; and some of his longer notes have been inserted at the close of the lectures, in order not to interrupt the continuous perusal of the book. The additions I have made are intended more particularly for the benefit of the student; and among the many writers whom I have consulted and quoted, I desire to express my obligations more especially to Dr Guest, who probably possesses a more accurate knowledge of the older forms of our language and literature than any living scholar.

W S.

London, February, 1862.

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THE ENGLISH LANGUAGE.

LECTURE I.

BY THE EDITOR.

ORIGIN OF THE ENGLISH LANGUAGE.

§ 1. The Indo-European family of languages origin and meaning of Comparative Philology. § 2. Difference between derived and cognate words § 3. The six principal branches of the Indo-European family. § 4. Division of the Teutonic branch into the German and Scandinavian § 5. Arguments in favour of German settlements in Britain before the Anglo-Saxon conquest § 6. Objections to the commonly-received account of the Anglo-Saxon conquest. § 7. Examination of the authorities for the Anglo-Saxon conquest. § 8. Reasons for believing the main facts of the story to be true examination of the external evidence. § 9. Examination of the internal evidence § 10. Settlements of the Jutes, Saxons, and Angles § 11. Origin of the Saxons synonymous with the Friesians. § 12. Origin of the Angles § 13. Origin of the Jutes. § 14. Origin of the term English § 15. Anglo-Saxon language. § 16. Semi-Saxon. § 17. Old English § 18. Middle English and Modern English. § 19. Terms Philology and Linguistics. ✓

§ 1. THE ENGLISH LANGUAGE belongs to that extensive family of languages to which the name of Indo-European is usually given. The classification of the different languages of the earth into a few great families belongs to the science of comparative philology, and can be only briefly noticed upon the present occasion. This science is of recent origin. Till the latter end of last century the relative antiquity of languages was a favourite subject of inquiry, and there was great anxiety to discover the one primæval tongue of all the inhabitants of the earth. The preference was usually given to the Hebrew, which was maintained to have been spoken in Paradise, and to have been the original language from which all others were derived. To support this opinion the most absurd and ridiculous arguments were brought forward, mere similarity of sound between words of different languages, in no wise related to each other, was regarded as a sufficient proof of their connexion; and the whole study was disgraced by such puerile trifling as to create in the minds of all sensible persons a rooted dislike to every

inquiry presented to their notice under the suggestive name of etymology. So long as scholars were engaged in the fruitless task of deriving all languages from the Hebrew, no real progress was possible. The most striking improvement in linguistic study may be dated from the discovery (for it may properly be called a discovery) of the Sanskrit, the ancient language of the northern parts of Hindustan, by our countrymen in the latter part of the last century. The wonderful similarity between the grammatical forms of the Sanskrit, and those of the Greek, Latin, and Teutonic languages, was too striking to escape notice, and forced upon the mind the conviction that there was a far closer and more intimate connexion between them than previous theories could account for. In this way arose the belief of an affinity between languages and a separation of them into certain great groups or families, of which the two most important are the Judo-European and the Semitic. It now became clear that, when two or more languages employ the same words to express the most familiar objects and the most simple ideas,—when they possess the same numerals, the same pronouns, the same prepositions, and the same system of grammatical inflexion,—these languages were originally one and the same, or derived from some common parent. However far removed from one another the nations may be which now speak them, however different may be their forms of government and religion, it may be asserted, without the possibility of doubt, that they were at some remote period one people, possessing a common language and a common civilization. A few years ago it would have been deemed the height of absurdity to imagine that the English and the Hindus were originally one people, speaking the same language, and clearly distinguished from other families of mankind; and yet comparative philology has established this fact by evidence as clear and irresistible as that the earth revolves round the sun.

§ 2 No languages, however, can be regarded as entirely pure and unmixed. All have, to a greater or to a less extent, received words from other tongues. This has been strikingly the case in English; and hence it is of great importance to distinguish between those words which it has derived from other tongues and those which it possesses in common with the languages of the same family. For example; such words as *association*, *communurate*, *retrospective*, *extirpate*, *detriment*, are clearly derived from the Latin, while others, such as *astronomy*, *astrology*, *geology*, have been borrowed directly from the Greek, or formed according to settled analogies. On the other hand, though the English *sit* is obviously the same word as the Latin *sed-eo*, the English *know* as the Latin *(g)no-sco*, the English *mother* as the Latin *mater*, it would be a great mistake to imagine that these English words are derived from the Latin;

the fact being that the former are as ancient as the latter. Both sets of words are the common property of one common tongue. They stand in the relation of sisters, not of mother and daughter. They are branches of one common trunk, not offshoots, the one from the other.

§ 3. A complete classification of the languages of the Indo-European family would be obviously out of place in a course of lectures devoted to the English language. But, in order to show the exact ethnological position of our own language, I shall first briefly mention the six principal branches into which the family may be divided, and will then proceed to examine more particularly the Teutonic branch, to which the English specially belongs.*

I The Indian branch, represented by the Sanskrit, which has now ceased to be spoken, but is the mother of the Hindustani, Bengali, Mahratti, and the other numerous dialects of modern India, to which it stands in the same relation as Latin does to the Romance languages

II The Medo-Persic branch. At the head of this branch stand the Zend, in which the Zendavesta is composed, and the cuneiform inscriptions of Cyrus, Darius, and Xerxes. Next follow the Pehlvi of the Sassanian dynasty, the Parsi, in which the national poem of Firdusi is written (A.D. 1000), and lastly the modern Persian

III. The Celtic branch, divided into two dialects, the Gaelic and the Cymric: the former comprising the Irish or Erse, the Scottish Gaelic or Highland-Scotch, and the Manx of the Isle of Man, and the latter, the Welsh, the Cornish (now extinct), and the Armorican of Brittany

IV. The Græco-Latin branch, comprising the two ancient classical languages, and the so-called Romance languages derived from the Latin, which are six in number, namely, the French, Italian, Spanish, Portuguese, Wallachian, and the Roumansch or Romanese, spoken in the Grisons, in Switzerland

V. The Teutonic branch, which comprises all the different German and Scandinavian dialects

VI. The Slavonic branch, divided into three principal classes:—

1. The Lettic, comprising the Lithuanian, the Old Prussian (now extinct), and the Lettish, the language of Kurland and Livonia
2. The Western Slavonic, comprising the Polish, the Bohemian or Tchechian, spoken in Bohemia, the Slovakian, spoken by the Slovaks in Hungary, and the Wendian, spoken in Lusatia.
3. The Eastern Slavonic, comprising the Old Slavonic, preserved in the transla-

* For a more complete classification of the languages of the Indo-European family, the student is referred to Professor Max Müller's *Lectures on the Science of Language*, 1869, pp. 162-169.

tion of the Bible made by Cyrilus in the ninth century, and its derivative dialect, the Bulgarian; the Russian, Serbian, Croatian, and Slovenian.*

§ 4. The TEUTONIC branch of the Indo-European family of languages is divided into two great classes, the German and the Scandinavian :—

I. The German is divisible into three principal dialects, the Mæso-Gothic, the Low German, and the High German; the two latter being so called because the Low German is spoken by the inhabitants of the low or flat country near the shores of the German Ocean, while the High German belongs to the higher country in the interior.

1. The Mæso-Gothic, the most easterly of all the German dialects, has long ceased to be spoken, but is preserved in the translation of the Gospels by Ulfilas. This translation, which is the most ancient specimen of the German languages, was made in the fourth century for the use of the Goths, whom the Emperor Valens, in A.D. 376, allowed to cross the Danube and settle in Mæsin.

2. The Low German comprises the following dialects :—(1.) The Anglo-Saxon, which was cultivated with great success in England as a literary language, and in which the second most ancient specimens of the Germanic language are preserved. (2.) The Old Saxon, so called to distinguish it from the Anglo-Saxon in England, formerly spoken in Westphalia, of which the principal specimen is the 'Heiland' (Healer or Saviour), a poem of the ninth century. (3.) The Friesian, now confined to a small district in Holland, but once spoken along the greater part of the northern coasts of Germany, from the Rhine to the Elbe, of which there are specimens as early as the twelfth century. (4.) The Dutch, the present language of Holland. (5.) The Flemish, spoken in many parts of Belgium.

3. The High-German comprises the Old High-German from the seventh to the eleventh century; the Middle High-German from the twelfth century to the Reformation, and the New High-German, which, since Luther's translation of the Bible, has been the literary language of Germany.

II. The Scandinavian branch, of which the most ancient language is the Old Norse, the language of Norway, represented by the Icelandic, which was carried into Iceland by the Norse colonists in the ninth century, and which continues to be spoken in that island with little alteration. The language of the Feroe Islands, also peopled by Norse colonists, is closely related to the Icelandic. On the Continent the Old Norse is represented by the Swedish,

* See Notes and Illustrations (A), *Cognate Words in the Indo-European Family*.

Danish, and Norwegian, of which the last has now become a mere patois, leaving the Swedish and Danish as the two literary languages.

Besides many other peculiarities in the Scandinavian languages, they possess two striking characteristics, which at once distinguish them from every German dialect:—1. In the German languages the definite article is always a separate word placed before the noun: *e.g.* Germ., *der König*; Ang.-Sax., *se cyning*; Eng., *the king*. In the Scandinavian it is always placed after the noun, and coalesces with it: *e.g.* Icelandic, *konung, king, konunginn, the king*, Danish, *mand, man, manden, the man*. 2. In the German languages the passive voice is formed by the past participle and the verb substantive: *e.g.* Germ., *ich werde geliebt*, Eng., *I am loved*. In the Scandinavian there is a separate form for the passive voice, originally ending in *sc* or *st*, and afterwards in *s*: *e.g.* Icelandic, *ek elska, I love, ek elskast, I am loved*.

The following table exhibits the relationship of the different Teutonic languages:—

TEUTONIC	I. GERMAN	1. <i>Meso-Gothic.</i>
		2. <i>Low-German.</i>
		(i.) Anglo-Saxon.
		English
		(ii.) Old Saxon.
		(iii.) Friesian.
	II. SCANDINAVIAN	(iv.) Dutch.
		(v.) Flemish.
		3. <i>High-German</i>
		(i.) Old High-German.
		(ii.) Middle High-German.
		(iii.) New High-German.
		1. <i>Old Scandinavian, represented by</i>
		(i.) Icelandic.
		(ii.) Faroic.
		2. <i>Modern Scandinavian, represented by</i>
		(i.) Danish.
		(ii.) Swedish.
		(iii.) Norwegian.

§ 5. Having thus taken a brief survey of the different languages to which the English is related, I can now enter more fully into a subject which has excited much discussion in recent times. That the English language is derived from the Anglo-Saxon, and that the latter was brought into England by a people speaking mainly a Low-German dialect, cannot admit of dispute; but the time when it was

introduced, the people who imported it, and the parts of Germany from which they came, are all points which have given rise to much controversy.*

Several modern writers have maintained that there were extensive German settlements in Britain long before the Anglo-Saxon conquests in the fifth and sixth centuries. Three arguments are mainly relied upon in support of this opinion. In the first place some have even carried back the existence of a German population in Britain to a time anterior to Cæsar's invasion; because Cæsar himself says † that the maritime parts of Britain were inhabited by Belgians who had crossed over from Gaul, while he further states in another passage that the Belgians were for the most part sprung from the Germans.‡ But, positive as this statement seems to be, there are good reasons for believing that the British coast opposite to Gaul was inhabited at the time of the Roman invasion by a people of Celtic and not of German origin.§

The second argument in favour of an early German settlement in Britain is drawn from the names of some tribes in the British Islands, supposed to be German, which occur in the Geography of Ptolemy, who wrote in the second century of our era.¶

The third and favourite argument is drawn from a statement in the 'Notitia Utriusque Imperii.' In this important document, which should probably be placed between the years 305 and 407,¶ there is mentioned among the officers of state in Britain a count of the Saxon shore (Comes Littoris Saxonici per Britannias), whose government extended from the neighbourhood of the present Portsmouth to the Wash. It is therefore supposed that the Saxons had permanently settled along the south-eastern coast of the island, and that, as the "Littus Saxonicum on the mainland was that district in which members of the Saxon confederacy were settled, the Littus Saxonicum per Britannias unquestionably obtained its name from a

* Among the many writers upon these controverted questions the student may consult with advantage—Lappenberg, *History of England*, translated by Thorpe, Kemble, *The Saxons in England*, Palgrave, *Rise and Progress of the English Commonwealth*, Latham, *The English Language*; Guest, *On the early English Settlements in South Britain*, published in the 'Memoirs of the Archaeological Institute,' 1849, Davies, *On the Races of Lancashire as indicated by the Local Names and the Dialect of the County*, published in the 'Transactions of the Philological Society' for 1855, and Donaldson, *On English Ethnography*, published in the 'Cambridge Essays' for 1856.

† Bell. Gall. v 12

‡ Ib. ii 4

§ This question is discussed in Notes and Illustrations to Lecture II (A), *On the Early Inhabitants of Great Britain*.

¶ This subject is examined in Notes and Illustrations (B), *On Certain Names in the Geography of Ptolemy*

¶ Gibbon, *Decline and Fall*, c. xii note 72.

similar circumstance.”* But, in reply to these confident assertions, it may be stated, first, that the Saxons were not settled on the mainland till a later period, and secondly, that there are no philological reasons for rejecting the ordinary interpretation of the term as signifying the coast exposed to the ravages of the Saxon pirates. Dr Guest has directed attention to the fact that the Saxon shore of Britain is called in another passage of the ‘*Notitia*’ the Saxon Frontier (Limes); and he has well observed that “the Welsh marches in Britain and the Scotch marches in Northumberland were so called, not because they were inhabited by Welshmen and Scotchmen, but because they were open to the incursions of these two races, and even provided with a regular military organization for the purpose of repelling their incursions. For precisely similar reasons the south-eastern coast was called the Saxon Frontier.”†

There seems, therefore, no evidence in favour of the modern theory that any considerable body of Germans was settled in Britain at an earlier period than the fifth century. It has been urged that among the military colonists there were many of German origin, and this was doubtless the case, but such colonists must have been all Romanized to a greater or a less extent; they must have spoken the Latin language; they did not constitute a separate people, speaking a German dialect, and must soon have been merged in the general mass of the population.

§ 6. The celebrated invasion of Hengist and Horsa, in the year 450,‡ which used to be regarded as the commencement of the German settlements in Britain, has been rejected by the most eminent modern historians as a purely fabulous story.

Sir Francis Palgrave, Lappenberg, and Mr Kemble, have endeavoured to prove the mythical character of the whole narrative, Dr. Latham has re-echoed their objections, and believes them “to be understated rather than overstated,” and Mr. Macaulay has given them the sanction of his authority § With the exception of Dr Guest, whose opinion, however, on all subjects connected with our early history is entitled to the greatest weight, it seems to be the almost unanimous verdict of modern historians that the commonly-received

* Kemble, *The Saxons in England*, i p 14

† Guest, in *Memoirs of the Archaeological Institute* for 1849, p 34

‡ The date usually given on the authority of Bede is 449, but as he himself tells us that the invasion took place in the first year of the Emperor Marcan, the true date must be 450, since this emperor ascended the throne in the latter year See Clinton, *Fasti Romani*, vol i p 638

§ ‘Hengist and Horsa, Vortigern and Rowena, Arthur and Mordred, are mythical persons, whose very existence may be questioned, and whose adventures must be classed with those of Romulus and Remus’—*History of England*, vol i p 6.

history of our country, from the withdrawal of the Romans to the introduction of Christianity in the year 597, is quite worthless, and that this period ought to be regarded as a perfect blank in our annals. The full examination of this question belongs more properly to a general history of England than to a special treatise on the language; but it has such an important bearing upon the latter subject, that it cannot be passed over in the present course without a few remarks. The arguments urged against the truth of the commonly received account are, first, that it is unsupported by any writers who lived sufficiently near the period to make their testimony of any value; and secondly, that the common story bears all the traces of a poetical or fabulous origin, and contains numerous details which appear in the traditions of other German races.

§ 7. The three chief authorities for the Saxon conquest of Britain are Gildas, Bede, and the Saxon Chronicle. Gildas was born only seventy years after the landing of Hengist and Horsa. He was a Welsh ecclesiastic, who described the miseries of his countrymen in two short Latin treatises. His 'History' was written in his fifty-fourth year, which corresponds to A.D. 564; his 'Epistle' some twelve or fourteen years earlier. He was a man of learning, and an eye-witness of the ruin of his countrymen; and there is no reason for doubting his truthfulness. His 'History' is very brief; but his narrative of the introduction of the Saxons into Britain is entirely in accordance with the accounts of Bede and the Saxon Chronicle.

Bede was born in the year 673, consequently more than 200 years after the first Saxon invasion. He was a native of the north of England, where he resided all his life; but he carefully collected materials for his work, as he himself tells us, from the ecclesiastics in different parts of the country.

The Saxon Chronicle in its present shape was written shortly before the year 900, or at the close of Alfred's reign, but there is every reason to believe that it was composed from earlier documents. It would be most important to determine the value and to fix the date of these earlier records; but this appears impossible, though we may conclude that, at least from the time of the introduction of Christianity, a record was kept of contemporary events, and that the history of the Saxon conquest was committed to writing about this time.

§ 8 The existence of contemporary documents of the time of the Conquest cannot be proved, and it therefore becomes an interesting subject of inquiry, for how long a period an accurate record of events is likely to be perpetuated by memory alone. Sir George Cornwall Lewis, who has investigated this subject with his usual care, has fixed this period at about a hundred years, and adds

that special circumstances may give to certain events a longer hold on the popular memory.* If we apply this canon to our own history, it cannot admit of doubt that such an event as the conquest of England by the Saxons would be tenaciously preserved in the memory of the conquering race for more than a century. The grand outlines of the story, such as the names of the tribes which embarked in this bold enterprize, the designations of their leaders, their first arrival upon the foreign shore, and their most striking victories, must have dwelt in the recollections of the sons and grandsons of the first conquerors. It seems to be assumed by Mr. Kemble and those of his school, that, because we have no contemporary documents, the narrative *must* be fabulous; but such writers would do well to ponder the remarks of so cautious an inquirer as Sir George C. Lewis, who observes, that "nobody asserts that all history must be taken directly from the reports of percipient witnesses. No historian applies the strict rule of judicial evidence that all hearsay reports are to be discarded. In treating of the period which precedes contemporary history, all persons admit traditionary, secondary, or hearsay evidence, up to a certain point: the question is, where that point ought to be fixed."†

From the invasion of Hengist and Horsa (A. D. 450) to the introduction of Christianity into England (A. D. 597), when it is admitted that a real history commences, is a period of about 150 years, which is not too long for the transmission by oral tradition of so striking a national event. There may be, and probably are, errors in some details; but there is no sufficient reason for doubting that the main facts have been faithfully handed down and are substantially correct. We are not, however, compelled to rely exclusively upon an oral tradition for 150 years. The invasion of the Saxons at about the period mentioned by Bede is recorded by Gildas, who, as we have already seen, was born only seventy years after the event, and between whose account and the traditionary one preserved by Bede, and in the Saxon Chronicle, there is no discrepancy. Thus the most important event is confirmed by an independent witness, whose Welsh origin and ecclesiastical profession would have prevented him from having any respect for the traditions of the oppressors of his race and the persecutors of his faith.

§ 9. In reference to the internal objection, that the common

* "We may assume that the Romans, at the beginning of the Second Punic War, would have preserved an oral tradition, correct in its general substance, though erroneous in many single facts, for a period reaching back for nearly 150 years"—*An Inquiry into the Credibility of the Early Roman History*, vol. i p. 100

† *Ib.*, vol. ii p. 492

story bears all the traces of a poetical or fabulous origin, it should be observed, that the critics have not distinguished between the narratives of Bede and the Saxon Chronicle and the wonderful tales contained in Jeffrey of Monmouth. It is true, that most of the stories related by the latter writer have found their way into the common English histories; but every one who has paid the slightest attention to the sources of English history is well aware that the so-called 'History' of Jeffrey of Monmouth is an impudent fabrication of the fourteenth century, and gives no faithful exhibition even of the traditions of the Saxon conquerors. The narrative in Bede and the Saxon Chronicle, on the other hand, is simple and straightforward, and forms a striking contrast to the mythical adventures of Hercules and Theseus, and the marvellous stories of Romulus and Remus*. It is not denied that there are fabulous tales in Bede and the Chronicle; but they do not form an integral part of the narrative, like the legends in the first book of Livy. For, while on the one hand it is impossible to condemn too strongly the old rationalizing process, which attempted to distil a true history out of the Grecian and Roman fables, simply by omitting everything supernatural and improbable, yet, on the other hand, it is equally uncritical to reject an entire narrative obviously founded upon real events, simply because some fabulous circumstances have grown round it, or been added to it by the credulity of subsequent writers.

§ 10 Assuming, then, the ordinary history of the Anglo-Saxon conquests to be substantially correct, we may distinguish between the settlements of the Jutes, the Saxons, and the Angles. There were several distinct invasions, and it was only by slow degrees and by constant fighting that the German tribes gained a firm footing in the island.

I *The Jutes*. This people, led by Hengist and Horsa, landed at Ebbsfleet, in the Isle of Thanet, in 450, and established the kingdom of Kent. They subsequently obtained possession of the Isle of Wight and of part of Hampshire. They were assisted by Angles and Saxons, but the leading tribe in this invasion was that of the Jutes.

II. *The Saxons or Seaxe*. There were three distinct settlements of Saxons. The first Saxon kingdom, established by Ella in 477, was that of the South Saxons (South-Seaxe), or *Sus-sex*. The second, established by Cerdic in 495, was that of the West Saxons or *Wes-*

* It is impossible to form a correct judgment upon the subject without reading the account in Bede and the Chronicle, which is accordingly printed at length in Notes and Illustrations (C). Dr. Guest has shown how groundless and fanciful is the supposition of Lappenberg, adopted by Kemble, that all the dates of the leading events are calculated upon a mythical number 8, and its multiples.

sex, of which the original seat was Hampshire, but which afterwards extended over Berks, Wilts, Dorset, Gloster, and the adjoining counties. The third, established about 530, was that of the East Saxons, or *Es-sex*, but which also included *Middle-sex* (the Middle Saxons), and the southern part of Hertfordshire.

III The *Angles* or *Engle*. There were four Anglian kingdoms, but only two distinct invasions of the Angles are recorded. The first invasion took place in the reign of Cerdic, King of Wessex, and ended in the establishment of the kingdom of *East Anglia*, containing Suffolk (South-folk), Norfolk (North-folk), Cambridgeshire, and parts of Lincolnshire and Northamptonshire. The second invasion was made in 547, under Ida, who founded the kingdom of *Bernicia*, in the south-western counties between the Tweed and the Forth. The successive conquests of the Angles established two other kingdoms,—*Deira*, lying between the Tweed and the Humber, and comprising the northern counties of England; and *Mercia*, comprehending the midland counties.

It would thus appear that, with the exception of the small settlements of the Jutes in Kent, the Isle of Wight, and a part of Hampshire, the Saxons had possession of the south of England, including the counties on both banks of the Thames, and that the Angles peopled the eastern, northern, and central parts of the island.

§ 11. It is important to determine who these Jutes, Saxons, and Angles were, from what parts of the Continent they came, and whether they spoke the same language or different dialects. With respect to the Jutes it is impossible to arrive at any satisfactory conclusion, but this is of no great importance, since they occupied only a small extent of England, and became merged at an early period in the surrounding Saxons. But with regard to the Saxons and the Angles the case is different, and we may, therefore, dismiss all inquiry into the subject of the Jutes, till we have investigated the origin and affinities of the two more important tribes.

The Saxons* are not mentioned by Tacitus, nor by any of the

* The name of this people is usually derived from their characteristic weapon, the *sax* or *sax*, which they carried. Nennius (c. 48) makes Hengist say to his followers, "Nimed eure *saxes*,"—"Take your weapons." (Zeuss, *Die Deutschen und die Nachbarstämme*, p. 150.) But Dr Donaldson objects (*Cambridge Essays*, p. 44), with considerable force, that the case of the Franks leads to the converse inference, that the weapon got its name from the people who used it, for the battle-axe of the Franks was called a *franka* or *frankish*, and we know that the term *frank* or *franck*, "fierce," was a designation of the people themselves. Dr Donaldson maintains the old opinion, that the name of Saxons is connected with that of the *Scæ*. Dr Guest, however, supposes that the "word *Seze* meant nothing more than *Seamen*, and that it was first given to such of the Engle as made piracy their trade" (*English Rhythms*,

earlier Greek or Roman writers. They first occur in the lists of Ptolemy, who places them upon the narrow neck of the Cimbric Chersonesus, between the Elbe and the Chalusus, the modern Trave, a district corresponding to the southern part of the modern Holstein.* Ptolemy also mentions three Saxon islands opposite the mouth of the Elbe,† which are probably Nordstrand, Föhr, and Silt. But this contracted territory, as Gibbon has remarked, was incapable of pouring forth the inexhaustible swarms of Saxons who reigned over the ocean, who filled the south of Britain with their language, their laws, and their colonies, and who so long defended the liberty of the North against the arms of Charlemagne.‡ It would be foreign to our present object to pursue the fortunes of the Saxons; but it can hardly admit of doubt that their power was gradually extended westward along the northern coast of Germany, and that their name was given to a confederacy of various warlike tribes. Among the most powerful members of this confederation were the Friesians, whose name is now confined to one of the provinces of Holland, but who were formerly spread over a much wider area. The Friesian dialects are still spoken, not only in the province of Friesland, but in parts of Hanover, in the island of Heligoland, and upon a portion of the coast of Sleswick, opposite the North Sea. Hence it would appear that the Friesians occupied the very sites where the Saxons are placed by other authorities; and it is not only certain that they took part in the Saxon invasion of England, but there are very strong reasons for believing that they must have constituted a very large number of the invading forces, since they have left permanent traces of their dialect in our own language §

§ 12. The Angles, or Engle,|| are first mentioned by Tacitus,¶ under the name of Angli, among the obscure tribes of the Suevic race. They are placed by Ptolemy** on the banks of the Elbe, and apparently near the lower Saale, about as far down the Elbe as the Ohre, in the neighbourhood of the High-German race. They subsequently migrated north of the Elbe to the Cimbric

u. p. 190; but of this there is no proof. See note on p. 15. It seems impossible to decide with any certainty upon the etymology of the name.

* u. 11, §§ 11, 13. † u. 11, § 31. ‡ *Decline and Fall*, vol. iii. p. 263.

§ For proofs of this statement, see Notes and Illustrations (D).

|| "The name 'Angle' is derived by Bede from the *nook*, 'angulus,' in which our forefathers lived on the Continent. *Angel*, in Anglo-Saxon, means a hook, and in the Gothic languages it seems to have meant anything that ended in a point; *angel*, a hook, or sting, an ear of corn, &c. The Angli of Tacitus, as is well known, lived at the point where the coast of the Baltic bends suddenly to the northward."—GUEST, in *Transactions of Philological Society*, vol. i. p. 106.

¶ *Germania*, c. 40.

** u. 11, § 15.

Chersonesus, where the district they inhabited was called Angeln or Angul, from which they sailed to the conquest of Britain. This is expressly stated by Bede,* who places their territory called *Angulus* between that of the Saxons and the Jutes, and by Alfred, who says, "On the west of the Old Saxons is the mouth of the river Elbe and Friesland, and then north-west is the land which is called *Angle* and Sealand, and some part of the Danes"† The modern district of Angeln lies between the Sile and the Flensburger Fiord, and though this district was probably included in the ancient Angeln, yet the latter must have been of much wider extent. We learn from the testimony of Ethelwerd, in the thirteenth century, that *Sleswice* was the chief city of *Anglia*, and that this was the Saxon name of the city which was called Hauthaby by the Danes‡ It would, therefore, appear that the Angles first dwelt in the neighbourhood of High-German tribes, and afterwards in that of the Scandinavians: and that their language was affected by the dialects of those races with whom they were thus brought into contact. There can be no doubt that the basis of their language was Low German; but there are some words and a few grammatical forms in the northern dialect of England which approximate more closely to the High German than to the Low, and these may fairly be referred to the influence of the High German upon the language of the Angles. Thus the plural termination *en* of verbs in the Lancashire dialect (*we lov-en*) is indicative of the High-German type. The corresponding termination of the Anglo-Saxon is *ath* (*Iuſiath*, we love), which is the Old-Frisian form.§ Several Scandinavian names and words used in the northern counties are supposed by some writers to be of Anglian origin; but whether they were introduced by the Danes, or by the Angles, will be a matter for future consideration when I come to speak of the Danish element in our language.

§ 13. The Jutes have left no distinctive traces in the English language, and it is therefore difficult to determine their affinities. Their name appears in several different forms: in many of the MSS. of Bede the form *Vitæ* occurs instead of *Jutæ*, and in Alfred we find *Of Geatum* || The latter form of the name might suggest a connexion with the Goths and thus seems to be con-

* Hist. Eccl. i. 15

† Translation of Orosius, p. 20 See also p. 25

‡ "Anglia vetus sita est inter Saxones et Gotos, habens oppidum capitale, quod sermone Saxonico Sleswic nuncupatur, secundum vero Danos Hauthaby."
—Quoted by Zeuss, *Die Deutschen*, &c., p. 496.

§ Davies, *ut supra*, p. 259, who also quotes several local names and provincial words in the Lancashire dialect, which belong to the High-German forms.

|| Zeuss, *Die Deutschen*, &c., p. 500.

firmed by the statement of Asser.* Even the name Jutes may be merely another form of Goths. It has been objected that Jutland is now inhabited by Danes, while we know that the Goths were Germans, but to this it is sufficient to reply, that the lower part of the Cimbric Chersonesus is still peopled by a German race, and that it is very probable that their possessions extended further north in earlier times. In the second century of the Christian era the Goths were established towards the mouth of the Vistula; † and according to their own tradition they originally came from Sweden, where a large territory still bears the name of Gothland ‡ There is no difficulty in believing that a portion of this migratory race may have settled in the peninsula of Jutland; and the fusion of their language with that of the Saxons is easily accounted for by the fact of their both speaking dialects of the Low-German type §

§ 14 || The origin of the appellation *English*, as the exclusive designation of a tongue employed by the Saxon, as well as the Anglian colonists of our fatherland, is not altogether clear. The native Celtic inhabitants, who were compelled to retire before the martial prowess of the strangers, gave to their conquerors the appellation of *Saxons*, the name by which they are called by the Celts down to the present day. How, then, did *England* become the exclusive appellation of the country, *English* of the language? We have no evidence whatever of the application of any general or collective name to the people, the country, or the speech, before the introduction of Christianity into England. The new inhabitants of the island became first known to the Roman See through Anglian captives who were carried to Rome in the sixth century. The name of their tribe, in its Latinized form, *Angli*, we may suppose was bestowed by the Romans upon the whole people, and the derivative *Anglia*, upon the territory it occupied. The Christian missionaries who commenced the conversion of Britain would naturally continue to employ the name by which the island had become known anew to them, and their converts, especially if no general name had been already adopted, would assume that which their teachers brought with them. This appears the most probable reason that can now be assigned, why a people, who, in large pro-

* "Ortus enim erat de Gothis et Jutis"—*De Rebus Gestis Alfredi* p 469, in *Monum Hist Brit.* p. 469

† Ptol iii 5, § 20

‡ Gibbon, *Decline and Fall*, vol i p 375 seq

§ The Mæso-Gothic, though usually distinguished from the Low German and High German, approximates much more closely to the former than to the latter

|| The remainder of the chapter forms the substance of Mr Marsh's second lecture.

portion, retained for themselves and their several provinces the appellation of Saxon, and who were known to neighbouring nations by no other name, should have surrendered this hereditary designation, and given to their language the name of English, to their country that of England, or the land of the Angles *

The language itself, in the earliest existing remains of the native literature, whether composed in Latin or in the vernacular, is generally called English, but sometimes Saxon. These remains are all of later date than the adoption of Christianity by the English people, and, of course, however prevalent the use of *English* as a national appellative may be in them, nothing can be thence inferred as to the extent to which the term was applied at earlier periods. The compound term, *Anglo-Saxon*, first occurs in the *Life of Alfred*, ascribed to his contemporary, Asser, who calls that prince *Angul-Saxonum Rex*, king of the Anglo-Saxons. The employment of the word as a designation of the language and literature is much more recent.†

There is no good reason for rejecting the term *Anglo-Saxon*, and, as has been proposed, employing *English* as the name of the language, from the earliest date to the present day. A change of nomenclature like this would expose us to the inconvenience, not merely of embracing, within one designation, objects which have been conventionally separated, but of confounding things logically distinct; for though our modern English is built upon and mainly derived from the Anglo-Saxon, the two dialects are now so discrepant, that the fullest knowledge of one would not alone suffice to render the other intelligible to either the eye or the ear. They are

* Another theory has been proposed by Dr. Guest, which has been adopted by Dr. Craik (*History of English Literature and the English Language*, vol. i. p. 29). According to these writers, the Saxons were only a section of the Angles, and consequently the latter name was always recognized among both Angles and Saxons as the proper national appellation. But of this there is no proof; and the fact that the united people were always called Saxons by the aboriginal Celtic population would seem to show that the Saxons predominated.

† The pretended formal imposition of the name of England upon the Anglo-Saxon possessions in Great Britain, by a decree of King Egbert, is unsupported by any contemporaneous or credible testimony. It is rejected as fabulous by most historical investigators, and it is certainly very improbable that a king, himself a Saxon by birth and name, ruling Saxon subjects and Saxon provinces, should have voluntarily chosen for his realm a designation borrowed from another people and another territory. The title of *Angliæ* or *Anglorum rex* is much more naturally explained by the supposition that *England* and *English* had been already adopted as the collective names of the country and its inhabitants.

It is important to bear in mind that the term *Anglo-Saxons* is meant to designate the Saxons of England as distinguished from the Saxons of the Continent. It does not signify the Angles and Saxons

too unlike in vocabulary and in inflexional character to be still considered as one speech, though in syntactical structure they resemble each other more closely than almost any other pair of related ancient and modern tongues.

§ 15. It has been already shown that the Anglo-Saxon conquerors consisted of several tribes. The border land of the Scandinavian and Teutonic races, whence the Anglo-Saxon invaders emigrated, has always been remarkable for the number of its local dialects. The Friesian, which bears a closer resemblance than any other linguistic group to the English, differs so much in different localities, that the dialects of Friesian parishes, separated only by a narrow arm of the sea, are often quite unintelligible to the inhabitants of each other.* Moreover the Anglo-Saxon language itself supplies internal evidence that there was a great commingling of nations in the invaders of our island. This language, in its obscure etymology, its confused and imperfect inflexions, and its anomalous and irregular syntax, appears to me to furnish abundant proof of a diversity, not of a unity, of origin. It has not what is considered the distinctive character of a *modern*, so much as of a mixed and ill-assimilated speech, and its relations to the various ingredients of which it is composed are just those of the present English to its own heterogeneous sources. It borrowed roots, and dropped endings, appropriated syntactical combinations without the inflexions which made them logical, and had not yet acquired a consistent and harmonious structure when the Norman conquest arrested its development, and imposed upon it, or, perhaps we should say, gave a new stimulus to, the tendencies which have resulted in the formation of modern English. There is no proof that Anglo-Saxon was ever spoken anywhere but on the soil of Great Britain; for the 'Heliand,' and other remains of *old* Saxon, are not *Anglo*-Saxon, and I think it must be regarded, not as a language which the colonists, or any of them, brought with them from the Continent, but as a new speech resulting from the fusion of many separate elements. It is, therefore, indigenous, if not aboriginal, and as exclusively local and national in its character as English itself.

§ 16. In the want of more extensive means than the press has yet made accessible for the study of the dialects of the twelfth and thirteenth centuries—the transition period—we cannot assign any precise date to the change from Anglo-Saxon to English; nor, indeed, is there any reason to suppose that any such sudden revolution occurred in the English speech as to render it hereafter possible to make anything more than an approximative and somewhat arbitrary

* On the vast number of Friesian dialects, see Notes and Illustrations (E).

determination of the period. For the purposes of an introductory course, no nice distinctions on this point are necessary, and it will suffice to say that the dialect of the period between the middle of the twelfth and the middle of the thirteenth centuries partakes so strongly of the characteristics of both Anglo-Saxon and English, that it has been usually, and not inappropriately, called *Semi-Saxon*.

§ 17. It is a matter of still greater difficulty to refer the subsequent history of English to fixed chronological epochs. The name of *Old English* has been applied to the language as spoken from the latter date to the end of the reign of Edward III. in 1377, that of *Middle English* to the form of speech extending from the close of Edward's reign to the death of Queen Elizabeth in 1603, while all its subsequent phases are embraced under the common designation of *Modern English*. This is, in many respects, an objectionable division of our philological history. The Old-English era would include many of the works of Chaucer, which belong properly to a later stage of our literature, and at the same time exclude the English Bible of Wycliffe and his fellow-labourers, whose style is more archaic than that of Chaucer. Middle English would embrace the 'Confessio Amantis' of Gower, who, philologically, is older than Chaucer, and the entire works of Hooker, as well as many of the plays of Shakespeare, both of whom belong unequivocally to the Modern-English period. It would, I think, be more accurate to commence the second era about the year 1350, and to terminate it with the third quarter of the sixteenth century.

§ 18. The first marked and specific change in the English language took place in the time, and in a very considerable degree by the influence, of Wycliffe, Gower, and Chaucer, the period of whose lives extended through the last three quarters of the fourteenth century and included the brilliant reign of Edward III., and the glorious history of the Black Prince. The works of Wycliffe and his school, including their translations of the Bible, which are known to have been widely circulated, undoubtedly exerted a very important influence on the prose, and especially the spoken dialect. "The moral Gower," as Chaucer calls him, was inferior in ability to his two great contemporaries, and his literary influence less marked, but his contributions to the improvement of his native tongue are of some importance, and if it is true, as Fuller quaintly remarks, that he "left English very bad," it is also true, as Fuller further observes, that he found it "very very bad." The great poetical merit of Chaucer, the popular character of his subjects, and his own high social position, gave him an ascendancy in the rising literature of England that scarcely any subsequent writer has attained; and there is perhaps no English author who has done more to mould, or rather to fix, the standard of the language, and to develop its poetical capabilities.

than this great genius.* From this period to the introduction of printing by Caxton, and the consequent diffusion of classical literature in England, about the close of the fifteenth and the beginning of the sixteenth century, the language remained nearly stationary; but at that period a revolution commenced, which was promoted by the Reformation, and, for a hundred years, English was in a state of transition. At the close of the period to which I have proposed to apply the name *Middle-English*, or about the year 1575, that revolution had produced its first great and most striking effect upon the structure and vocabulary of our tongue, and thus rendered possible the composition of such writings as those of the great theologian and the great dramatist, which signalized the commencement of the last and greatest era of our literature. English now became fixed in grammar and vocabulary, so far as a thing essentially so fleeting as speech can ever be said to be fixed, and for nearly three centuries it has undergone no very important change. Our orthography has indeed become more uniform, and our stock of words has been much enlarged, but he that is well read in Spenser, Hooker, and Shakespeare, not to speak of other great luminaries of that age, and above all, of the standard translation of the Bible, which, however, appropriately belongs to an earlier period, will doubt whether it has gained much in power to expand the intellect or touch the heart.†

§ 19. Besides the words which express the general subject of the present course, I must here notice certain other terms of art, and apologize for an occasional looseness in the use of them, which the poverty of the English grammatical nomenclature renders almost unavoidable. Our word *language* has no conjugate adjective, and, for want of a native term, English scholars have long employed the Greek derivative, *philological*, in a corresponding sense. But *philology*, and its derivative adjective, have acquired, in the vocabulary of Continental science, a different meaning from that which we give them, more comprehensive in one direction, more limited in another, and, to supply the want which a restriction of their earlier sense has

* See Lectures V., VI., and VII.

† "I take this present period of our English tung to be the verie height thereof, bycause I find it so excellently well fined both for the bodie of the tung itself, and for the custumarie writing thereof, as either foren workmanship can give it glosse, or as home-wrought hanling can give it grice. When the age of our people which now vse the tung so well, is dead and departed, there will another succede, and with the people the tung will alter and change; which change in the full harvest thereof maie prove comparable to this, but sure for this which we now vse, it seemeth euen now to be at the best for substance, and the bravest for circumstance, and whatsoever shall become of the English state, the English tung cannot prove fairer than it is at this daie, if it maue please our learned sort so to zsteme of it, and to bestow their tranell upon such a subject."—MULCASTER, *First Part of the Elementarie*, p. 159 (A.D. 1582).

created, *linguistic* or *linguistics*, a term Latin in its radical, Greek in its form, has been introduced. *Philology* was originally applied in Germany to the study of the classical languages and literature of Greece and Rome, as a means of general intellectual culture. - In its present use, it is defined as a "historical science, whose end is the knowledge of the intellectual condition, labours, and products of a nation, or of cognate nations, at particular epochs of general chronology, with reference to the historical development of such nations"*. There are, then, not one, namely, a Greek and Roman, but many philologies, as many, indeed, as there are distinct peoples, or families of peoples, whose intellectual characters and action may be known through their languages. In philology thus considered, the study of languages is a means to the end specified in the definition just given. In linguistics, on the other hand, language itself, as one of the great characteristics of humanity, is the end, and the means are the study of general and comparative grammar. Every philology is the physiology of a species in language; linguistics, the comparative anatomy of all the several systems of articulate communication between man and man. Linguistics, as a noun, has hardly become an English word. Philology, as used by most English writers, embraces the signification of the two words by which, in Continental literature, the study of language is characterized, according to the methods by which, and the objects for which, it is pursued. The adjectives, philological and linguistic, are employed, sometimes interchangeably in the same sense as philology, and sometimes as adjectives conjugate in meaning to the noun language. I shall not attempt, in this course, a strict conformity to Continental usage in the employment of these words, nor, indeed, would it be practicable to do so, until a new adjective shall be coined to relieve one of them of its double meaning, but I shall endeavour so to use them all, that the context or the subject matter will determine the sense which they are intended to bear for the occasion.†

From the distinction here pointed out, it results that philology concerns itself chiefly with that which is peculiar to a given speech and its literature, linguistics with those laws and properties which are common to all languages. Philology is conversant with dis-

* Heyse, *Sprachwissenschaft*, §. 17.

† Our English grammatical and philological vocabulary is poor. We have no adjective strictly conjugate to speech, tongue, language, verb, noun, and many other terms of art in this department. *Linguistic* is a barbarous hybrid, and, in our use, equivocal, as are also the adjectives *verbal*, *nominal*, and the like. A native equivalent to the *sprachlich* of some German writers, corresponding nearly to our old use of *philological*, as in the phrase, *sprachliche Forschungen*, where the adjective embraces the meaning both of *philological* and *linguistic*, is much wanted.

tinctions; linguistics with analogies. The course of lectures I am commencing, is intended to be strictly philological, and I shall introduce illustrations from the field of linguistics only when they are necessary for etymological reasons, or to make the distinguishing traits of English more palpable by the force of contrast.

NOTES AND ILLUSTRATIONS.

A COGNATE WORDS IN THE INDO-EUROPEAN FAMILY. (See p 2)

The connexion of English with the other branches of the Indo-European family will be rendered more evident by a short list of words than by any detailed description. The words selected as examples denote relationship—the most common objects of nature and art, a few of the simplest verbal roots, and some of the numerals and personal pronouns, all of which by their very nature are the least likely to have been derived from any other language. It must be understood

that the following words are selected only as specimens, and that the list might easily be extended to very many pages. The English words given below are also found in all the German and Scandinavian dialects. The Zend and the Persian forms are so closely allied to the Sanskrit that it is unnecessary to give examples from these languages. In the columns devoted to the Slavonic languages, *Russ.* stands for Russian, *Lith* for Lithuanian, *Lett* for Lettish, *O Pr* for Old Prussian, *O Sl.* for Old Slavonic. In the Celtic list *Er.* stands for Erse, and *W* for Welsh.

Words denoting Relationship.

English.	Sanskrit.	Greek and Latin	Slavonic.	Celtic.
<i>Father</i> ..	pitri ..	πατήρ, pater ..	bat, O Sl ..	athair, Er.
<i>Mother</i> ..	mātri ..	μήτηρ, mater ..	mater, Russ. ..	mathair, Er.
<i>Brother</i> ..	bhrātri ..	φρατήρ, frater ..	brāt', Russ. ..	brathair, Er.
<i>Sister</i> ..	swasrī ..	soror ..	sestra, Russ. ..	siur, Er.
<i>Daughter</i> ..	duhitri ..	θυγάτηρ ..	duhter, Lith ..	dear, Er.

Parts of the Body

English	Sanskrit.	Greek and Latin.	Slavonic	Celtic.
<i>Eye</i> * ..	ākṣhi ..	oculus ..	akis Lith	brai, Er.
<i>Brow</i> ..	bhrū ..	ὀφρύς ..	browi, O Sl ..	
<i>Tooth</i> ..	danta ..	ὀδούς, ὀδοντός, dens, dentis	dantis, O Sl ..	
<i>Nail</i> ..	nakṣa ..	ὀνύξ, ὀνυχός, unguis ..	nagns, Lith.	

* A softened form of Anglo-Saxon *edge*, and German *Auge*

Objects of Nature and Art.

English.	Sanskrit.	Greek and Latn.	Slavonic.	Celtic.
Sun ..	hāli ..	ἥλιος, sol ..	solustě, Russ. ..	hau, W.
Moon or Month ..	māsa ..	μήν, mensis ..	mienu, Lith. ..	mos, Er seren, W
Star ..	tārā ..	ἀστέρ, stella ..	.. ..	daiar, dhair, W
Earth ..	dharā ..	γῆ, terra ..	voda, Russ. ..	dour, Er
Water ..	nda ..	ὔδωρ, ndus, unda ..	diena, Lith. ..	di, dia, Er ; dydh, W
Day ..	dyu ..	ἥμερα, diu, dies ..	notch' Russ. ..	nōs W., nochd, Er
Night ..	nīśā ..	νύξ, noct-is ..	dwer, O SL ..	dor, W ; dorus, Er
Door ..	dwar ..	θύρα, fores ..		

• A softened form of Anglo-Saxon *day*

Verbal Roots

English.	Sanskrit.	Greek and Latn.	Slavonic.	Celtic.
To know ..	jñā ..	γινώσκω, (g)no-sco ..	ma, O SL ..	gwn, W.
To wit (i.e. to know, whence wisdom) ..	vid ..	οἶδα, orig. Fida, video ..	vid, O SL ..	gwydh and wēdh, W (knowledge) hghml, Er buml, Er (I was)
To lack ..	lih ..	λείπω, li(n)go ..	buit', Russ. (to be)	jan, W
To be ..	bhū ..	ἔστω, fui ..	.. ..	.. ..
To yoke ..	yuj ..	ἵκω-νυμι, ju(n)g-o, jug-um ..	jgo, Russ. ..	.. ..
To sit ..	sad ..	ἕδω, sed-es ..	sed, Lith. ..	suidham, Er
To stand ..	sthā ..	ἵστημι, sto ..	sta, O SL ..	stadam, Fr
To bear ..	bhri ..	φέρω, fero ..	.. ..	bheirum, Er

Numerals and Personal Pronouns

English.	Sanskrit.	Greek and Latn.	Slavonic.	Celtic.
Two ..	dvi ..	δύο, duo ..	du, Lith. ; dva, dvie, Russ. ..	da, do, Er ; dau, dwy, W
Three ..	tri ..	τρεῖς, tri-ūn, tres, tri-um ..	tri, Lith., Russ. ..	tri Er ; tri, train, W.
Six ..	shash ..	ἕξ, sex ..	shest, Russ. ..	se, Er., chwech, W
Seven ..	saptan ..	ἑπτά, septem. ..	septym, Lith. ..	secht, Er., saith W
Eight ..	ashtan ..	ὀκτώ, octo ..	axtum, Lith. ..	ocht, Er ; nyth, W
I (ic, Anglo-Saxon) ..	aham ..	εἰς, ego ..	asz, Lith ..	me, Er ; ml, W.
Me ..	mām ..	με me ..	manen, Lith. ..	tu, Er ; t, W
Thou ..	twam ..	σύ, tu ..	tu, Lith. ..	.. ..

Present Tense of the Verb "To Be"—Slogm As or Es.

Sanskrit.	Greek.	Latin.	Lithuanian.	Gothic.
Singular { asmi a-ai as-ti	{ ἐσμι ἐσσι ἐστί	{ 'a-um 'a 'a-t	{ es-mi es-ai es-ti	{ I m I I-a-l
Plural { a-mas a-tha a-anti	{ ἐσμεν ἐσθε {(σ)-αντι εἰσι	{ 'a-umus 'a-nt 'a-unt	{ es-me es-te (same as singular).	{ ei-yum. si yu'h a-ini

B. ON CERTAIN SUPPOSED GERMAN NAMES IN GREAT BRITAIN, MENTIONED BY PTOLEMY. (See p. 6)

Ptolemy, in his list of tribes in the south-east of Ireland, mentions the *Cauri* (Καῦροι, ii 2, § 9), who are conjectured to be the same as the German *Chauel* (Kembie, *The Saxons in England*, i p 9), but the names of the surrounding tribes, such as *Mannili* and *Brigantes*, are indisputably Celtic, and an isolated instance of similarity of name, which may be purely accidental or the mistake of a copyist, is of little or no value, and cannot for one moment be accepted as the proof of an important historical fact. The *Coritari* (Κορίταροι, Ptolemy, ii 3, § 20), who appear in Ptolemy as inhabitants of Lincolnshire, Leicestershire, and some of the neighbouring counties, are identified with the *Coraniad* of the Welsh traditions, who came from the country of *Pwyl*, and settled about the river *Humber*. Some modern writers (Lapenberg, i p 15, Kembie's *Saxons*, i p 9) call *Pwyl* a Tonic marsh-land, and others interpret it to mean *Poland* (Davies, in *Transact of Philol Soc.* for 1855, pp 215, 217), Mr Davies identifies the *Coraniad* with the *Carini*, whom Pliny (*H N* iv. 14, s 28, § 99) mentions as a subdivision of the *Vandili* along with the *Burgundiones*, *Varini*, *Gutones*, and other tribes inhabiting the north-east of Germany. But these are mere guesses, unsupported by any external evidence. We know neither who the *Coraniad* were, nor from what quarter they came; and it would be most unsafe to draw any historical conclusions from such uncertain premises.

C. THE ACCOUNT OF THE ANGLO-SAXON CONQUEST IN BEDA AND THE SAXON CHRONICLE. (See p. 10)

The words of Bede are —

"Those who came to Britain were of the three most powerful nations of Germany, namely, *Saxons*, *Angles*, and *Jutes*. From the *Jutes* are descended the people of *Kent* and of the *Isle of Wight*, and those also in the province of the *West-Saxons*, who are to this day called *Jutes*, seated opposite to the *Isle of Wight*. From the *Saxons*, that is, the country which is now called *Old Saxony*, came the *East-Saxons*, the *South-Saxons*, and the *West-Saxons*. From the *Angles*, that is the country which is called *Angulus*, and which is said to remain desert from that time to the present day, between the provinces of the *Jutes* and the *Saxons*, are descended the *East-Angles*, the *Midland-Angles*, all the race of the *Northumbrians*, that is, of those nations that dwell on the north side of the river *Humber*, and the other nations of the *Angles*. Their first two leaders are said to have been *Hengist* and *Horsa*, of whom *Horsa*, being afterwards slain in battle by the *Britons*, was buried in the eastern parts of *Kent*, where a monument, bearing his name, is still in existence."

The *Saxon Chronicle* runs as follows :

"A D 449. This year *Martinianus* and *Valentinianus* succeeded to the empire, and reigned seven years. And in their days *Hengist* and *Horsa*, invited by *Wyrtegeorne*, king of the *Britons*, landed in Britain on the shore which is called *Ypwinesfleet*, at first in aid of

the Britons, but afterwards they fought against them. King Wyrtegeorne gave them land in the south-east of this country, on condition that they should fight against the Picts. Then they fought against the Picts, and had the victory wheresoever they came. They then sent to the Angles, desired a larger force to be sent, and caused them to be told the worthlessness of the Britons, and the excellencies of the land. Then they sent hither a larger force in aid of the others. At that time there came men from three tribes of Germany from the Old Saxons, from the Angles, from the Jutes.

"From the Jutes came the Kentishmen and the men of Wight, that is, the race which now dwells in Wight, and that race among the West-Saxons which is still called the race of Jutes. From the Old Saxons came the East-Saxons, and the South-Saxons, and the West-Saxons. From Anglia, which has ever since remained waste, between the Jutes and Saxons, came the East-Angles, Middle-Angles, Mercians, and all the Northumbrians."

D CONNEXION BETWEEN FRIESIANS AND SAXONS (See p 12)

The close connexion between the Friesians and the Saxons will appear from the following considerations —

I Procopius says that Britain was inhabited in his time (the sixth century) by three races—the Angles, Friesians, and Britons*—a statement which can be accounted for only on the supposition that the Friesians and Saxons were convertible terms. Thus Bode speaks only of Saxons, and Procopius only of Friesians, both meaning to indicate the same people.

II. The Friesian and Flemish traditions bear testimony to the fact that their ancestors took part in the invasion of England. They even claimed Hengist as their ancestor, who was banished from their country. Thus Maerlant, a Dutch or Flemish poet of the thirteenth century, says —

*Een hiet Engistus, een Friese, een Sas,
Die ueten lande verdreeten was*

"A Saxon or Friesian, who Hengist hight,
From out of this land was banished quite."

Hence it would appear that in Maerlant's time the terms Saxon and Friesian were synonymous. The identity of these terms is also shown by some old German verses quoted by Verstegan —

Die neder Sassen hieten nu Friesen
"The lower Saxons are now called Friesians"

And again

*Oude boelen hoorde ic gewagen
Dat al het lant beneden Nuemagen,
Wylen neder Sassen hiet*

"Old books I have heard affirm,
That all the land below Nymegen
Was once called Lower Saxon"

III Many English words are more closely allied to those of the Old Friesian than to those of any other German dialect.

This will be seen from the following list of words, taken from Ruchtofen's *Altfriesches Wörterbuch* —

OLD FRIESIC.	GERMAN	ENGLISH.
hervst V.Fries.		
harvat . .	herbst	harvest.
harkla . .	hören, hochen	hark.
halt ..	lahm ..	halt.
half . .	halb	half
hiora . .	ross, pferd	horse
reinda . .	reißen ..	rend.
rída . .	reiten	ride
song, sang	gesang	song
strote . .	strasse ..	street.
thenne . .	dann	then.
there	da	there.
thiaf, tlef	dieb ..	thief
this, dis	dieser ..	this.
wid . .	wert ..	wide
wif . .	welb	wife.
wane ..	sich verringern	wane
warand	gewähre ..	warrant.
werka	arbeiten	work.
wet	nass	wet
weter, water	wasser	water
fridom . .	freiheit	freedom.
field ..	feld	field
Saterdi	Saterdag(prov)	Saturday
sella, N Fries.		
selle	verkaufen	sell.
sitta . .	sitzen	sit.

IV The following grammatical forms in English are also closely allied to the Friesic

The modern English sign of the infinitive mood, *to*, is found in Old Friesian alone of all the German dialects. The prefix *to* in Old English literature is

* ἀνοματα δὲ καὶ αἱ τοῖς ἔθνεσι τούτοις Ἀγγλοὶ τε καὶ Φρισσῶνες καὶ οἱ τῇ ἡσὺ ὀνομαζομένοις Βριττανῶες — Edl. Goltz iv 20, quoted by Zeuss, *Die Deutschen*, &c. p. 474

the sense of "thoroughly," "utterly." corresponding to the German *zer*, as in *to-zeren* (to break in pieces), *to-zerde* (to tear up), &c., in *Piers Ploughman's* *Trilog*, is found in the Old-Frisian *to breka*, *to zerde*, &c. The Old-North participle form *zerpt* has also a parallel in the Old-Frisian *erakde* (made), *erent* (rent). From these instances we may infer that the Old Frisian represents the pure Saxon of the Anglo-Saxon tongue; and we may conclude in general that the Saxons and Frisians were so closely connected, that these names were given at different times to the same people. (The above remarks are taken from a paper by Mr Davies, in the *Transactions of the Philological Society* for 1855, pp 246, 247.)

E. THE FRISIAN DIALECTS.

(See p 16.)

The vast number of local Frisian dialects mentioned in the text is well illustrated by the following remarks from Kohl's *Travels*:

"The commonest things, which are named almost alike all over Europe, receive quite different names in the different Frisian islands. Thus, in Amrum, *father* is called *Aaf*, on the Hallig, *Baba* or *Babe*, in Sylt, *Fuder* or *Vaar*, in many districts on the main land, *Tate*, in the eastern part of Iſſr, *Oti* or *Ahty*. Although these people live within a couple of (German) miles from each other, these words differ more than *père*, *pater*, *padre*, *Vater*, and *father* used for the same purpose by the French, Latins, Italians, Germans, and English, who are separated by hundreds of leagues. We find among the Frisians not only primitive German words, but what may be called common European radicals, which different localities seem to have distributed among them.

"Even the names of their districts and islands are totally different in different dialects. For instance, the island called by the Frisians who speak High German, *Sylt*, is called by the inhabitants *Söl*, in Föhr *Sol*, and in Amrum *Sal*.

"The people of Amrum call the Frisians *Fräsh*, with the vowel short, in the southern districts, the word is *Freeshe*, with a long vowel; elsewhere it is pronounced *Fraasche*."

It is important to observe in connexion with the origin of the English language, that both High-German and

Scandinavian forms are found in the Frisian dialects. In the earliest specimens of Frisian literature, which go back at least as far as the 12th century, the language approaches very nearly the old High German, as we learn from Grimm's *German Grammar*, 1st ed., vol I p lxxviii; quoted by Mac Müller, *Lectures on the Science of Language*, p 170. Many words are found in the Old Frisian which have been retained only by the Icelandic or Old Norse. Mr. Marsh observes that some forms in Frisian, which German philologists bring forward as proofs of a Germanic origin, may be explained by the Scandinavian also. He takes as an example "the argument from the frequent termination of the names of places in *um*, as *Husum* and others, which is said to be in all cases a contraction of *heim*. Now there are, in unequivocally Scandinavian districts, local names ending in *um*, which in the instances are taken from the dative plural of the original appellation of the locality. Thus, in Old Norse, *Uþal* was a plural, *Uþpallir*, at or in *Uþal*, & or *Uþpallum*. In speaking of towns, we use in English most frequently the objective with the prepositions *at* or *in*, and in like manner in Old Norse, the dative, as *at* or *í*, *Hús-um*, would occur oftener than any other case of the name of that town. When the inflexions were dying out, as in the confused mixture of races in Schleswig-Holstein and its borders, they did very early, the case oftener in use would survive all others, and become the indelible name of the town, just as, in Danish and English, *Holum* is the only form for all the cases of the Icelandic *Holar*, the name of a place in northern Iceland, remarkable as having long possessed the only printing press in the island. In the case of *Hús-um*, the dative plural, which would mean *at the houses* or *at the village*, is a much more probable etymology than *Húshjem*, (*Haus-heim*), which would be pleonastic. These instances in the modern Scandinavian dialects are precisely analogous to the formation of *Staneho* from *és ta-hō*, and other similar names in modern Greek, the accusative in that language supplying the place of the dative, which is obsolete.

"In Old Norse it was very common to use the dative in naming a place, in

constructions where the idiom of other languages would require the nominative. Thus, instead of saying, 'That estate was called Steinn,' it was more usual to employ the dative, *sá bær hét a Steinn*, 'That estate was called, at Steinn.' So, *þar er heitir í Ríþum*, 'at a place called Rípar.' In *Fatnasdæla Saga*, k. 16, we have, *6 Hrútasbóðum hét þat er Hrúti bíð*, 'it was called at *Hrútasbóðar*, where Hrúti lived,' in the Saga of Finnbogi hinn rami, l. 3, *hann bíð þar sem heitir at Tóptum*, 'he lived where it is called at *Tóptar*,' in Magnúsar goða Saga, l. 52, *bíð . . þar sem 6 Stokkum heitir, maðr . . er hét þrándr*, 'there lived, where it is called at *Stoklar*, a man who hight Thrand.' Such examples might be multiplied by hundreds."

In a communication to the Editor, Mr Marsh observes that he finds in Haupt's *Zeitschrift*, xli. 282, a citation of an instrument, from Kemble, *Old Dip. Ex Sar* No 353, from which it would appear that in the tenth century the Anglo-Saxons used the dative of the names of places, as in Icelandic "Quandam telluris particulam in loco quem solicolle aut Hamme vocitant."

"The names of the two brothers, Hengist and Horsa, who are said to have headed the most eventful incursion of the invaders, are words in one or another form common to all the Scandinavian and the Teutonic dialects. Both are names of the genus *horse*, but in most localities *hengst* is appropriated to the male, while in some, and particularly in Schleswig, *horsa* or *hors* is confined to the female animal. J. G. Kohl informs us that both the proper names are still current in the district from which the ancient conquerors are reported to have emigrated. A Danish colonel told the traveller that in a company of his regiment there were two privates bearing these names, and it happened, oddly, that in this case Hengist and Horsa, like Castor and Pollux, were still inseparably united, the places of the two soldiers being side by side in the ranks (*Inseln u. Marschen Schlesw.-Holst.* i. 290.)"—MARSH

F. ANGLO-SAXON WORDS FOR LANGUAGE. AND THE ETYMOLOGY OF LYDEN AND GOSPEL.

"It need hardly be remarked that the word *language* is derived, through the French, from the Latin *lingua*, the *tongue*, a name very commonly applied to speech, because the tongue, from its relative bulk, its flexibility, and the greater power of the voluntary muscles over it, is the most conspicuous, if not the most important, organ concerned in the production of articulate sounds. The Anglo-Saxons had several words for language, as *gereord*, *gefeode*, *lyden*, *reord*, *spell*, *spæc*, *spræc*, *þeodisc*, *tunge*. Some of these cannot be traced back to any more radical form, and we therefore cannot positively say, as we can of the corresponding words in most other tongues, that they are of a figurative character. *Lyden* is recognizable in our modern English adjective *loud*, and Chaucer, and other early writers, use *leden* for language, *spæc*, in *speech*, *tunge*, in *tongue*; and *spell* still subsists in the noun *spell*, a charm, the verb *to spell*, and as the last member of *gospel*.

"The two words *lyden* and *gospel* require a few words of explanation. There is a confusion between the Saxon *lyden* (*læden* or *leden*), the Old English *leden*, and the national appellative *Latin*, a parallel to which is found also in modern Spanish. *Lyden* (*læden* or *leden*) seems to be allied to the Anglo-Saxon *hlyd*, *gehlyd*, a sound, and *hlúd*, *loud*, to the Danish *Lyd*, the Swedish *ljud*, and the German *Laut* (noun), and *laut* (adjective), all involving the same idea, and probably also to the Icelandic *hljóð*, a sound, a song, a trumpet, which latter word also signifies, oddly, the absence of sound, namely, *silence*. The three Saxon forms of this word are employed also for *Latin*. Either this is a confusion of meaning arising from similarity of form, or *lyden* is a derivative of *Latin*, as the language par excellence, and so not allied to the other Gothic words above cited. In Spanish, especially in the Spanish colonies, an African or Indian who has learned Spanish, and acquired some of the arts of civilization, so as to make him useful as a servant, is called *adino*, and *Id* Castilian was some-

times styled *Ladino*. On the other hand, Latin was used in Catalan to signify a foreign language generally. Thus in B. D'Escot, cap. xxxv.: 'vench denant lo rey, e agenollas a ell, e saluda en son llati,' and cap. xxxviii.: 'e cridaren molt fortament en llur llati,' 'en son llati,' and 'en llur llati,' signifying respectively, in his language, in their language, which in this case was Arabic. Latin was also very commonly employed in the same sense in Old French and Italian. From this use of the word, *muy ladino* came to mean, in Spanish, a great linguist, one knowing many foreign languages. The Old-English *latiner*, by corruption *latiner*, an interpreter or dragoman, is of similar derivation. Thus, in *Richard Cœur de Lion*, Weber, II 97,—

'Anon s'oodo up her *latymer*

And answeryd Aleyn Trencherey.'

"With respect to gospel it is not clear whether the first syllable is the name of the Divinity, God, or the adjective *good*, *good*. Bosworth (under *God*), and many other etymologists, adopt the former supposition; and this view is supported by the analogy of the Icelandic, which has *guðspjall*, *God's word*. On the other hand, *godspell*, as a compound of the adjective *god* and *spell*, would be the exact etymological equivalent of the Greek *εὐαγγέλιον*, and the author of the *Ormulum*, who lived at a period when Anglo-Saxon was not yet forgotten, evidently adopts this derivation.

'Goddspell onn Eanglisc nemmedlice

God word, annð god tþwende,
God crnde,' &c.

Ormulum, Preface, 137.

And again,—

'Of all þæt god ocs brænneþ word

Annd crnde annð god tþwende

Goddspell, and forþt magg itt well

God crnde ben gchateny,' &c.

Ormulum, Preface, 175.

"Layamon, III. 182, v. 2930a, has

'& beode þæt godes godd-spel;'

'and preach there *God's gospel*.' a phrase not likely to be employed if Gospel had been understood to mean, of itself, 'God's word.'

"The phrases, *godspell* that *guda*, the *good* gospel, *Heland*, I. 17, and *spel godes*, the word of God, II. 17, 18, 41, 15, 19 and 81, 8, seem to show that in the Continental Old-Saxon, *godspell* was derived from *god*, *God*, and *spell*. Schiller adopts the same etymology for the *gotspellen* of Tatian, *gotspellota themo folke*, 'evangelizabat populo,' c. xli. 25, *xi gotspellone Gotes rihs*, 'evangelizare regnum Dei,' c. xxii. 4, as also for *gotapel*, *predigonti gotapel rihses*, 'predicans evangelium regni,' xxii. 1.

"The combination of *godes spelboda* in Cynewulf's *Crist*, 336, may be thought to have some bearing upon this question."—MARSH.

LECTURE II.

BY THE EDITOR.

ON THE CELTIC, DANISH, AND LATIN ELEMENTS IN THE ENGLISH LANGUAGE.

- § 1 Modification of the Anglo-Saxon language by the languages of other races
 § 2 I THE CELTIC ELEMENT — Division of the Celtic languages: the Gaelic and the Cymric. § 3 The language of the Britons Cymric. Celtic words in the English language § 4. Explanation of Celtic words and phrases in Shakespeare. § 5 II THE DANISH ELEMENT — Conquests of the Danes § 6 Their settlements in England § 7 Danish names of places and persons § 8 Question whether the Danish words and grammatical forms in English are derived from the Anglians or Danes. Danish grammatical forms. § 9 III THE LATIN ELEMENT — Introduction of Latin words through the medium of the Norman French. § 10. English not a mixed language. § 11 Causes which converted the Anglo-Saxon into Old English.

✓ § 1 THE language of the Anglo-Saxon settlers in Britain would of necessity have experienced various changes in the course of centuries, even if they had remained a pure and unmixed race, but they were brought into close and intimate connexion with other races in the island, and consequently their language was exposed to greater alterations than the dialects of their kinsmen who remained in Germany.

✓ Besides the Anglo-Saxons, the Celts, the Romans, the Danes, and the Norman French have at different periods been inhabitants of Great Britain. Of these races the Roman conquerors have left hardly any traces in the English language, for, with the exception of the Latin castra (a camp), which appears in such towns as Colchester, Manchester, Gloucestre, Lei-cester, &c, of colonia (a colony) found in Lin-coln and a few other towns, of pons (a bridge), as in Ponte-fract, of portus (a harbour), as in Brid-port, and of stratum, or strata, from which street probably comes, no other words can safely be assigned to the Roman colonists, who occupied Britain from the first to the fifth centuries. But with the three other races the case is different, and the Celts, the Danes, and the Norman French

have contributed, though in different degrees, numerous words to the vocabulary of our language.

§ 2 1.—THE CELTIC INHABITANTS.—The Celts were the original inhabitants of the British Islands. This is proved by the testimony of the Greek and Roman writers, by the Welsh traditions, and by the remains of the Celtic in the English language. But the Celts are divided into two great branches, the Gael and the Cymry, and though the languages of these two peoples are clearly of the same origin, yet they are unintelligible to one another, and the difference between them is greater than that between the ancient Scandinavian and the German dialects.* The distinction between the Gaelic and Cymric dialects is as strongly marked in the MSS. of the eighth and ninth centuries as in the present time; and there is therefore no reason for doubting that they were equally distinguished at a still earlier period. It is admitted by Celtic scholars that the Gaelic is more ancient than the Cymric, or, to speak more correctly, represents an older state of the language. The Gaelic has a distinctive genitive and dative case, while the Cymric is destitute of cases altogether. The initial *s* in Gaelic has degenerated into *h* in Cymric: thus *saul*, the Gaelic word for sun, appears in Welsh in the form *heul*.†

§ 3. The Celtic inhabitants of Britain spoke a dialect of the Cymric or Welsh language at the time of the Roman invasion,‡ and consequently it is to this branch, and not to the Gaelic, that we must look for the explanation of any Celtic words still remaining in the English language. "The stoutest asserter of a pure Anglo-Saxon or Norman descent is convicted," observes Mr Davies, "by the language of his daily life, of belonging to a race that partakes largely of Celtic blood. If he calls for his *coat* (W. *cola*, Germ. *rock*), or tells of the *basket* of fish he has caught (W. *barged*, Germ. *lorb*), or the *cart* he employs on his land (W. *cart*, from *câr*, a dray, or sledge, Germ. *wagen*), or of the *pranks* of his youth, or the *prancing* of his horse (W. *prank*, a trick, *prancio*, to frolic), or declares that he was *happy* when a *gownsmen* at Oxford (W. *hap*, fortune, chance, Germ. *glück*, W. *gwn*), or that his servant is *pert* (W. *pert*, spruce, dapper, insolent), or, descending to the language of the vulgar, he affirms that such assertions are *balderdash*, and the claim a *sham* (W. *bal-dordilus*, idle prating; *siom*, pr. *shom*, a deceit, a sham), he is unconsciously maintaining the truth he would deny. Like the M. Jourdain of Molière, who had been talking prose all his life without knowing

* This is stated by Zeuss, *Grammatica Celtica*, Prefatio, p. 5.

† In like manner the more ancient forms *sear* in Sanskrit, and *sol* in Latin, appear as *htaré* in Zend, and *ἥλιος* in Greek.

‡ This is proved in Notes and Illustrations (A). On the Early Inhabitants and Languages of the British Islands.

it, he has been speaking very good Celtic without any suspicion of the fact."*

It appears from the Welsh traditions, as well as from other circumstances, that a large number of the Celtic population remained in different parts of Britain after the Anglo-Saxon conquest, and that they were not all destroyed, and driven into Wales and Cornwall, as is usually supposed. According to the Welsh historical Triads, which are nearly contemporaneous with the Anglo-Saxon conquest, the race of the Cambrians or Cymry exercised a sovereignty over the other British tribes, who offered very little resistance to the Teutonic invaders, and in some cases coalesced with them against the Cymry. It was upon the Cymry that the chief brunt of the contest fell, till they were either exterminated, reduced to slavery, or driven into the mountains of Wales. So far, then, as this people is concerned, the generally-received account may be regarded as correct, but the other Celtic tribes remained in their original settlements, and became blended with the Teutonic invaders. Hence it is stated that all the "*Lloegrians became Saxons*," with the exception of those found in Deira (Yorkshire) and Bernicia (Northumberland and Durham). If these traditions are correct in the main, we may conclude that a considerable Celtic element would become blended with the speech of the conquering race.

There are other circumstances which render it probable that the Celtic population was much larger in England after the Conquest than is usually supposed. Of these the most important is the fact that the signatures to very early charters supply us with names of persons of Celtic race occupying positions of dignity at the courts of Anglo-Saxon kings †

These views receive confirmation from the numerous Celtic words in the English language. As the Romanized Celts had acquired many of the useful and ornamental arts of the Romans, the German invaders must have found among the Britons many implements and artificial productions of which they were previously ignorant; and it was only natural that along with the articles they should adopt the names by which they were indicated. It would appear, indeed, that a considerable proportion of the English words relating to agriculture, and the occupations of domestic life, are borrowed by us from the Cymric dialect of the Celtic ‡

* In *Proceedings of the Philological Society* for 1855, to which paper, and to Mr Garnett's essay 'On the Languages and Dialects of the British Islands,' I am chiefly indebted for the remarks in the text.

† Kemble, *The Saxons in England*, i. p. 21, and a paper 'On the Names, Surnames, and Nicknames of the Anglo-Saxons,' in the *Proceedings of the Archaeological Institute* for 1845; Davies, *ut supra*, pp. 212, 213.

‡ Mr Garnett collected an interesting list of such words, of which some specimens are given in Notes and Illustrations (B).

"We may also easily conceive," says Mr. Garnett, "that the Anglo-Saxon invaders would be occasionally struck by the apparent oddity of the words current among the conquered race, and employ them themselves in a familiar or ludicrous sense, in the same way that *flash* terms are frequently used by educated Englishmen. Thus, the verb *to bother* is seldom used by ourselves, except in the comic or familiar style; but in the Irish, from which we originally adopted it, it is a perfectly serious word, and occurs repeatedly in the Scriptures in the sense of *mente affligi*, or *conturbari*."

In the provincial dialects of England, the number of Celtic words is still more numerous than in the written language. This would be expected, as the conquered race would naturally preserve many of their own words, which never became incorporated with the language of their conquerors. Mr. Davies, who has examined with care the Celtic portion of the Lancashire dialect, remarks that "many low, burlesque, or obscene words can be traced to a Celtic source, and this circumstance, together with the fact that no words connected with law, or government, or the luxuries of life, belong to this class, is distinct evidence that the Celtic race was held in a state of dependence or inferiority." In addition to the exclusively provincial words, the English language contains a large number of familiar terms borrowed from the Celtic.*

§ 4. A knowledge of the Celtic element in the English language elucidates many words and phrases in our early English writers, which have fallen into disuse. A few passages from Shakespeare will illustrate the importance of this branch of philology to the student of our language.† In 'Coriolanus' (act iii. sc. 1) we find the expression, "This is clean kam," used by the tribune Sicinius in rejecting the appeal of Menenius to the past services of Coriolanus as nothing to the purpose. The explanation of this phrase is found in the Celtic, in which *cam* signifies "crooked," "awry," "false:" in the Lancashire dialect *to cam* is still used in the sense "to make crooked," "to bind awry." Accordingly, when Sicinius says, "This is clean kam," his colleague Brutus adds, "Merely awry."

In 'Richard II.' we read :—

"If then we shall shake off our slavish yoke,
Imp out our drooping country's broken wing."

This is correctly interpreted by the commentators "to engraft, or insert," and it is added, to *imp* a hawk was artificially to supply

* See the list of words in Notes and Illustrations (B).

† For these passages I am indebted to another interesting paper by Mr. Davies, 'On Celtic Words used by early English Writers,' published in the *Transactions of the Philological Society* for 1853.

such wing-feathers as had been lost or broken. The origin of the word, however, is the Celtic *impiaw*, “to engraft,” from *imp*, a slip, or scion. The transition of meaning to a boy or young man was natural. In ‘Love’s Labour’s Lost’ (act i sc 2) Armado calls Moth a “dear *imp*.”

The word *grise* or *grize* in the ‘Twelfth Night’ (act iii sc. 1, act iv. sc. 3) is the Celtic *gris*, a step or stair. The word *hecksy*, which occurs in the line (‘Henry V’ act v. sc. 2),

“But hateful docks, rough thistles, *hecksies*, burs,”

is the Celtic *cecys*, which is used for any plant of a seedy form, but especially the wild hemlock.

The term *lob* which Fairy applies to Puck (‘Midsummer Night’s Dream,’ act ii sc 1),

“Farewell, thou *lob* of spirits, I’ll be gone;
Our queen and all her elves come here anon,”

is the Welsh *llob*, “a lump, a dull fellow, a blockhead.” The word still exists in English in *looby*, *lubbard*, and in *land-lubber*.

The word *bug* occurs several times in Shakespeare in the sense of an object of terror, as, for instance, in the ‘Taming of the Shrew’ (act i sc. 2).—

“Tush! tush! fear boys with bugs”

And in ‘Henry VI.’ (part iii act v. sc 2).—

“Warwick was a bug that fear’d us all.”

The origin of this word, which in former times gave so much trouble to commentators, is the Celtic *bug* (*boog*), signifying primarily a “ghost” or “hobgoblin,” and thence any object of terror. It is still retained in *boggle*, to hesitate, to be afraid.

It must, however, be admitted, notwithstanding the previous statements, that the Celtic words in English form no integral part of our language, and have never amalgamated with it like the words derived from the Latin through the medium of the Norman French. The statement of Dr. Craik on this much controverted subject may be accepted as substantially correct.—“Whatever be the number of words which the English language has adopted, whether from the ancient Britons or from their descendants the Welsh, they are only single scattered words. No considerable department of the English dictionary is Welsh. No stream of words has flowed into the language from that source. The two languages have in no sense met and become one.”*

* A History of English Literature and the English Language, vol. i. p. 14.

§ 5. II.—THE DANISH ELFWEXT.—The gloomiest pages in the Anglo-Saxon Chronicle are filled with the invasions and ravages of England by the Danes.* This name was given to all the Scandinavian freebooters who plundered the coasts of England, and included the inhabitants of Norway as well as those of Denmark. It appears, however, that the invaders of England came chiefly from Denmark, which lies opposite the eastern coasts of our island, and that the Norwegians directed their ravages for the most part against Scotland, the Hebrides, and Ireland, while the Swedes plundered the coasts of the Baltic. In the eighth and ninth centuries the Northmen or Scandinavians were the foremost nation in Europe. They not only conquered the greater part of England, but they wrested from the French monarch one of his fairest provinces, and they founded upon the eastern shores of the Baltic a dynasty which reigned over Russia above seven hundred years. The first appearance of this formidable people upon the coasts of England is placed by the Saxon Chronicle in 787; and from this time till their defeat by Harold in 1066, at the battle of Stamford Bridge, they were for nearly three centuries the terror of the Anglo-Saxon race. Led by the Vikings, the younger sons of their royal houses, they swarmed in all the rivers and harbours of England. They soon began to take up their abode in the country during the winter, resuming their ravages in the spring; and in less than a century from their first appearance they had gained a permanent footing along the eastern coast, and at length subdued the three kingdoms of East Angla, Mercia, and Northumbria. For some time they threatened to reduce to bondage the whole Anglo-Saxon nation. They drove Alfred from his throne, and compelled him to wander as a fugitive; and though he succeeded in regaining his crown and defeating the Danes, he concluded a treaty in 878 with Guthrun, the Danish king, by which he formally ceded to the latter a large district to the north of the Thames along the eastern coast. In 1017 a Danish dynasty was established upon the English throne, and Canute and his sons reigned over the country till 1040; but the Danes had before that time been converted to Christianity, and instead of carrying on a war of extermination against the Anglo-Saxons, like their forefathers, the Danish kings respected the laws, usages, and language of their conquered subjects.

§ 6. If we inquire more particularly into the extent of English country inhabited by the Danes, we find the division between them and the Saxon population marked by the ancient road called Watling-

* On the subject of the Danes in England, see especially Worsane, *An Account of the Danes and Norwegians in England, Scotland, and Ireland*. London, 1852.

Street (more properly Wæfinga-Stræt), which ran across the island from London to Chester and the Irish Channel. In the tenth century the districts to the north and east of this road were peopled chiefly by the Danes, and were known by the name of *Danelagh*, or the Danes' community. The country between the Wash and the Thames, which formed the province of East Anglia, had been ceded, as we have already seen, by Alfred to Guthrun, but the Danes did not remain firmly established in this province, owing to its proximity to the centre of the Anglo-Saxon power, and, with the exception of some settlements on the coast, the Saxons appear to have recovered possession of the greater part of East Anglia. But to the north and west of the Wash the case was very different. In the province of Lindisse or Lindisey, which extended from the Wash to the Humber, in that of Northumbria, which stretched from the Humber to Edinburgh, and in that of Mercia, or the midland counties, the Danes took firm root and formed the principal element in the population. In the centre of England they possessed the five strong fortresses of Stamford, Leicester, Derby, Nottingham, and Lincoln, which were known by the name of the Five Burghs. In the north their chief town was York, the present name of which is derived from the Danish form "Jorvik," the Anglo-Saxons having called it "Eoforwic." Under the successors of Alfred, Northumbria continued for some time to be a separate kingdom ruled by Danish princes, and though it ceased in 951 to have the title of a kingdom and became an earldom, it remained virtually independent of the Saxon kings, under the sway of Danish or Norwegian chieftains, and continued to receive from time to time fresh swarms of Scandinavian immigrants.

§ 7. The preceding sketch of the Danish conquests and settlements in our island would lead us to expect permanent traces of their presence in four local names and our language. And such is the case. A long list of Scandinavian names of places in England has been collected by Mr. Worsaae, who estimates their number as not less than 1500. They are of course chiefly found in the midland and northern counties of England. Among the terminations indicative of a Scandinavian origin, one of the most common is that of by, which in Old Norse signified, first a farm and afterwards a town in general.* It appears in the names Whitby, Derby, Grimsby, Ashby, Rugby, Naseby, and numerous others. With respect to the two first of these names, we have express evidence that they were given to these places by the Danes, Whitby having been previously called Streoneshalch, and Derby Northweorthug †. Scandinavian names of persons were formerly of frequent

* This word is still preserved in bye-law, which means simply the law of the by or borough.

† The most important of the other Scandinavian terminations of local names.

occurrence in these districts; and all surnames ending in son, such as Adamson, Jackson, Johnson, Nelson, Thompson, Stevenson, and others, are of Scandinavian origin, and are quite unknown in the Anglo-Saxon. Mr. Worsaae calls attention to the curious fact that the name of Johnson, which is one of the most common in England, is also one of the most common in Iceland.

§ 8. In endeavouring to ascertain the Danish element in the English language, we have to encounter a difficulty at the very outset of our investigation*. It has been already seen that the German invaders consisted of several tribes. Not only may we conclude from analogy that they spoke different dialects, but this is expressly stated by Bede and other authorities. In consequence of the kings of Wessex finally obtaining the supremacy, the dialect of the West-Saxons became the literary language, and is the one in which all the chief Anglo-Saxon works have come down to us. Of the other dialects, no literary compositions remain, with the exception of the one which was spoken in the kingdom of Northumbria. In this dialect we find Scandinavian words and grammatical forms, but as the Danes occupied the very districts which had been formerly peopled by the Anglians, a question arises whether this Scandinavian element is due to the original Anglian population, or to the later Danish immigrants. It has been already shown that the Anglians came from those parts of the Cimbric Chersonesus which bordered upon the country of the Danes; and it is therefore probable that their language may have approximated more closely to the Danish than to those of the other German tribes. Hence Dr. Guest denies altogether the existence of any Danish element in our language,† but when he argues in favour of his opinion from the absence of "those grammatical forms, which bind the Northern languages into one great family—the *r* inflexion of the verb, the passive voice, the definite affixes of the substantive, the neuter inflexion of the adjective"—it may be observed that the introduction of such generic differences would have constituted a new language, and could not have assimilated with any of the Anglo-Saxon dialects. Experience teaches that an intrusive element in a language is confined to the vocabulary and minor grammatical forms;

in England are: "*thorpe*, Old-Northern *þorp*, a collection of houses separated from some principal estate, a village, *thwaite*, in the old Scandinavian language *þveit*, tved, an isolated piece of land, *næs*, a promontory, *ey*, or *öc*, an isle; with (*ie* forest), *toft*, *beck*, *tarn* (Scandinavian, *tjörn*, or *tjarn*, a small lake, water), *dale*, *fell*, (rocky mountain), *force* (waterfall), *haigh*, or *hau* (*Scand*, *haugr*, a hill), *garth* (*Scand*, *garðr*, a large farm)"—WORSAAE, p 67.

* On this subject the student may consult with advantage, in addition to the work of Mr Worsaae, some valuable papers by Mr Garnett and Mr. Kemble in the second volume of the *Proceedings of the Philological Society*.

† *A History of English Rhythms*, vol. ii. p 201.

and, consequently, unless the Danish language had triumphed entirely over the Anglo-Saxon, which no one pretends to have happened, we should never expect to find the peculiar forms of Scandinavian grammar, even if our language had been flooded with Danish words. Not only the Danish writer Worsaae, but Mr Garnett and Mr. Kemble, clearly recognize the existence of the Danish element in English, and more especially in the Northern dialect. But the dispute is, after all, one of little importance, for it is admitted on all hands that the Northumbrian dialect contains both words and forms approximating more to the Scandinavian than to the German type; and it is immaterial whether we give to this element in our language the name of Anglian or Danish.

From an examination of the existing specimens of the Northumbrian dialect, there seems to be no great difficulty in arriving at a satisfactory conclusion. Mr. Garnett and Mr. Kemble have shown that this dialect was originally Anglian, and that its earliest specimens exhibit hardly any Scandinavian traces; but that, in consequence of the Norse settlers in Northumbria, Danish words and forms were gradually introduced into it, and became prominent and striking in the fourteenth century. If it should appear strange that such words and forms should be so long in finding their way into the language, it must be recollected that this late introduction of a foreign element into a *written* language is in accordance with analogy, and is to be expected from the nature of the case. In like manner, it was three centuries after the Norman Conquest before a French element found its way into the written English. Writers naturally cling to a pre-existing model and to their own tongue; and foreign words spoken by an intrusive population amalgamate very slowly with the national language. We have also the express testimony of writers in the thirteenth and fourteenth century to the existence of a strong Danish element in the population and the language of our northern provinces.* This is stated by Giraldus Cambrensis, John of Wallingford, and Hyden; and at an earlier period in the laws of Henry I, England is divided into three parts, Wessex, Mercia, and the province of the Danes†. In the present Northern dialect there are many forms and words of undoubted Scandinavian origin. Thus the apparently ungrammatical forms current in North Yorkshire, *I is, thou is, he is*, are in exact accordance with the present practice of the Danes, who inflect their verb substantive as follows.‡

H. Law

* Garnett, in *Proceedings of the Philological Society*, vol. ii p. 78.

† "Regnum Anglie trifarium dividitur in regno Britannie, in Westsaxonum, et Mercenorum, et Danorum provinciam."—v. § 1, quoted by Worsaae, p. 156.

‡ See Mr. Garnett on 'English Dialects,' in the *Quarterly Review*, February 1836, p. 362.

<i>Sing.</i>					<i>Plur.</i>
Jeg er,	..	..	..	..	Vi ere,
Du er,	.	..	..	..	I ere,
Han er,	..	..	..	..	De ere.

In Yorkshire.

I is,	We are,
Thou is,	..	..	..	..	Ye are,
He is,	..	..	..	..	They are

In the same manner the Yorkshire forms *I thinks, thou thinks, he thinks*, are perfectly analogous to the Danish *jeg taenker, du taenker, han taenker*. Some of the Scandinavian peculiarities have found their way into the current English language. Of these the most important is the verb *are*, which is entirely unknown to the Anglo-Saxon. The inflexion of the verb substantive in Anglo-Saxon is:

<i>Sing.</i>					<i>Plur.</i>
1. eom,	..	..	..	..	synd,
2. eart,	..	..	..	..	*ynd,
3. is (ys),	..	.	..	..	synd

Hence, while our language has retained the Anglo-Saxon inflexion of the singular, it has substituted in the plural the Scandinavian *ere*. Another Scandinavian peculiarity is the use of the preposition *of* as the sign of the genitive case, which had found its way into the Semi-Saxon in the twelfth century, though unknown to the old Anglo-Saxon.*

§ 9. III.—THE LATIN ELEMENT.—The most numerous additions to the Anglo-Saxon vocabulary, the most important modifications of English syntax, and consequently of the general idiom of our language, have been derived, either mediate or immediately, from the Latin. Even in the pure Anglo-Saxon period several Latin words were introduced into the language, especially on subjects connected with the economy and discipline of the Church;† but

* See Craik's edition of Shakespeare's 'Julius Cæsar,' p. 121. On the North-Anglian dialect, see Notes and Illustrations (C)

† "Thus we find *mynster*, a minster, from *monasterium*; *portic*, a porch, from *porticus*; *cluster*, a cloister, from *claustrum*; *munuc*, a monk, from *monachus*; *biscep*, a bishop, from *episcopus*; *arcebiscep*, an archbishop, from *archiepiscopus*; *sanct*, a saint, from *sanctus*; *profast*, a provost, from *præpositus*; *pæll*, a pall, from *pallium*; *calic*, a chalice, from *calix*; *candel*, a candle, from *candela*; *psalter*, a psalter, from *psalterium*; *maesse*, a mass, from *missa*; *pistel*, an epistle, from *epistola*; *praedic-ian*, to preach, from *praedic-are*; *profsian*, to prove, from *prob-are*, etc., etc. From the Latin also came the names of foreign animals and plants, as *leon*, the lion, from *leo*; *camell*, the camel, from *camelus*; *ylp*, the elephant, from *elephas*, *fic-beam*, the fig-tree, from *figus*, *fefer-fuge*, the fever-few, from *febrifugia*, *peterseil*

the most numerous class of Latin words in our language come through the medium of the Norman French. The Normans were originally Scandinavians, who settled in France as their brethren had done in England. In 912 Charles III. ceded to them the province called Normandy after them. Here they came into contact with a people speaking a language derived from the Latin, and, like the Franks and the other barbarian invaders of Gaul, Italy, and Spain, they gradually ceased to use their own Scandinavian tongue and adopted the language spoken by the inhabitants of their new home. This language has obtained the name of French from the Franks, who conquered Gaul in the fifth century, and, like the Italian, Spanish, and other languages derived from the Latin, is frequently called a Romance language, to commemorate its Roman origin. The first introduction of French into England dates from the time of the later Saxon kings Ethelred II. married Emma, daughter of Richard Duke of Normandy; and his son, Edward the Confessor, who was brought up at the Norman court, and spoke the French language, gave great offence to his English subjects by his partiality for this tongue, and by his introducing French ecclesiastics into the kingdom. But the important event, which firmly planted the French language in England, was the conquest of the country by William Duke of Normandy, in the year 1066. For two centuries French was the language of the English court; Norman settlers, speaking French, were spread over the country, and filled all the ecclesiastical and civil posts, and French was spoken in the courts of law and taught in the schools. In this way a large mass of the population must have become acquainted with French; and a very great number of French words was gradually introduced into the English language.

✓ § 10 Though English thus received vast additions to its vocabulary, it still remained essentially a German tongue. It is the practice of many writers to speak of English as a composite language; but this term is an unfortunate one, and leads to misconception. The English language is not the result of a mixture of Anglo-Saxon and French, as it is sometimes represented to be; and indeed a mixed language, in the strict sense of the term, may be pronounced an impossibility.* That which constitutes the vital organisation of a language, that

parsley, from *petroselinum*, etc. etc.; and of many articles of merchandise. the growth or manufacture of distant countries, as *pipor*, pepper, from *piper*, *purpura*, purple, from *purpura*; *pumic-stan*, the pumice-stone, from *pumex*, etc., etc."—GUEST, *English Rhythms*, vol. II p. 103.

* See Max Müller, *Lectures on the Science of Language*, p. 71. In a certain sense all languages are mixed, since all have received words from other tongues. See p. 2.

which distinguishes it from all other tongues, is its system of grammatical forms and inflexions. There is hardly a language in existence which has not adopted some foreign words. Commerce, conquest, a superior civilization, and other causes, have deluged many languages with so large a multitude of foreign terms as to exceed in number those of home-born growth; but all languages cling with extraordinary tenacity to their own grammatical forms, and reject with obstinacy those of foreign origin. The modern Persian language is overgrown with Arabic words; but its grammar still remains essentially Indo-European, and has not received a single Semitic inflexion. The Turkish language at Constantinople abounds with such a multitude of Persian and Arabic words as far to outnumber the genuine Turkish vocabulary, but these alien words have not crushed in the least the Tartaric character of its grammar. In like manner the English language, though adopting numberless French words, accepted very few grammatical forms from the French. Although it has at present dropped most of its inflexions, those which still remain proclaim loudly its German origin. Further, its pronouns, numerals, prepositions, and particles, and all those words used to express the most simple ideas and wants, and point out natural objects, come from the German and not from the French. Hence the groundwork of our language is Anglo-Saxon, of which no stronger proof can be given than the fact that it would still be possible to write whole pages of English consisting exclusively of Anglo-Saxon words, without introducing a single term of Celtic, Danish, or French origin. The Anglo-Saxon is the dominant element in the English language, and every foreign word has been obliged to conform to the genius of its grammar.

§ 11. Many able philologists have indeed denied that the change which took place in the grammatical forms of our language in the eleventh, twelfth, and thirteenth centuries was, in any considerable degree, due to the influence of the Norman invaders, and they maintain that the same change would have taken place without the Conquest, as it was due to inherent tendencies in the language. This view is thus stated by Mr. Price in the preface to his edition of Warton's 'History of English Poetry':—

“That some change had taken place in the style of composition and general structure of the language since the days of Alfred, is a matter beyond dispute, but that these mutations were a consequence of the Norman invasion, or were even accelerated by that event, is wholly incapable of proof, and nothing is supported upon a firmer principle of rational induction than that the same effects would have ensued if William and his followers had remained in their native soil. The substance of the change is admitted on all hands to consist in the suppression of those grammatical intricacies

occasioned by the inflexion of nouns, the seemingly arbitrary distinctions of gender, the government of prepositions, &c. How far this may be considered as the result of an innate law of the language, or some general law in the organisation of those who spoke it, we may leave for the present undecided, but that it was in no way dependent upon external circumstances is established by this undeniable fact,—that every branch of the Low-German stock, from whence the Anglo-Saxon sprang, displays the same simplification of its grammar. In all these languages there has been a constant tendency to relieve themselves of that precision which chooses a fresh symbol for every shade of meaning, to lessen the amount of nice distinctions, and detect as it were a royal road to the interchange of opinion."

The same theory is advocated by Dr. Guest.—

✓ "The causes which in the twelfth century gave birth to the Old English worked nearly at the same time a like change in all the kindred dialects, save the most northerly, which, safe from their influence amid the snows of Iceland and of Sweden, long retained (and indeed still retain) many of the earliest features of our language. The Old English runs side by side with the later German dialects, and the change it underwent in the fifteenth century would doubtless have been *theirs* also, but for an event which no one could have foreseen, and whose consequences even the experience of four centuries had not enabled us to calculate. As it is, our modern dialect stands alone. . . . The language of our earlier literature fell at last a victim, not to the Norman Conquest, for it survived that event at least a century—not to the foreign jargon which the weak but well-meaning Edward first brought into the country, for French did not *mix* with our language till the days of Chaucer,—it fell before the same deep and mighty influences which swept every living language from the literature of Europe. When the South regained its ascendancy, and Rome once more seized the wealth of vassal provinces, its favourite priests had neither the knowledge requisite to understand, nor tastes fitted to enjoy, the literature of the countries into which they were promoted. The road to their favour and their patronage lay elsewhere, and the monk, giving up his mother-tongue as worthless, began to pride himself only upon his Latinity. The legends of his patron saint he Latinized, the story of his monastery he Latinized, in Latin he wrote history, in Latin he wrote satires and romances. Amid these labours he had little time to study the niceties of Anglo-Saxon grammar, and the Homilies, the English Scriptures, Caedmon's Paraphrase, the national songs, the magnificent 'Judith,' and other treasures of native genius, must soon have lain on the shelves of his cloister as little read, or, if read, almost as little understood, as if they had been written in a foreign tongue. When he addressed himself to the unlearned, noble or ignoble, he used the

vulgar dialect of his shire, with its idioms, which the written dialect had probably rejected as wanting in precision, and with its corrupt pronunciation, which alone would require new forms of grammar. In this way many specimens of our old English dialects have been handed down to us, and these, however widely they differ from each other, agree in one particular,—in confounding the characteristic endings of the Anglo-Saxon. . . . It is a singular fact, that several of the other European languages were shortly after threatened with a revolution of the very same nature, when the press came to their aid, and by doubling the influence of their literature put a stop to further changes”*

It must be admitted that the chief grammatical change, which converted the Anglo-Saxon into the Old English, took place in the Low-German dialects also, and cannot, therefore, be attributed to the Norman Conquest alone,—namely, the substitution of the vowel e for the different vowel-endings, which distinguished the cases of the nouns and the conjugations of the verbs. But at the same time it should be borne in mind that the Low-German dialects were also exposed to extraneous disturbing forces; and foreign influences seem even before the Conquest to have affected the grammatical structure of the Anglo-Saxon. The Angles and the Saxons found upon the British soil some traces of the Roman conquest;† and Christianity, and with it the language of the Romish Church, were domesticated in England long before either had crossed the Elbe, and before a native literature had been created by the race which gave to Britain a new name and a new population. The Old-Northern or Scandinavian, and some branches of the German families, on the contrary, had acquired a certain culture, and possessed what may fairly claim to be considered an independent literature, before their adoption of Christianity. The Old-Northern and German languages had accordingly been carried to a higher degree of polish and refinement than the Anglo-Saxon, and they both less needed, and were less susceptible of receiving, grammatical improvement from foreign sources. We consequently find, even in the most ancient forms in which the Anglo-Saxon, itself but a compromise between discordant dialects,‡ has come down to us, a structure more resembling that of the Romance languages than we meet in Old Northern or in German. The arrangement of the period, the whole syntax, had been evidently already influenced, and the native inflexions diminished in number, variety, and distinctness.

The more complete establishment of the ecclesiastical domination

* *English Rhythms*, vol. II. pp 105–108

† Some of the following remarks in the text have been transferred to this place from one of Mr. Marsh's subsequent lectures.

‡ See Lecture I, p 16.

of Rome had introduced some Latin and French words, and expelled from use a corresponding portion of the native vocabulary. We have already seen that the Romance dialect of Normandy had partially supplanted the Anglo-Saxon at the court of Edward the Confessor, and the Conquest gave greater intensity to the causes already in operation. It therefore seems probable that external causes exercised more influence in producing the great change in Anglo-Saxon than Dr. Guest and Mr. Price would be willing to allow,* and in this opinion we are supported by the authority of Grimm, who observes —

“Every violent intermixture of two languages is contrary to the order of nature, and hastens the destruction of their grammatical forms. When the English language was inundated by a vast influx of French words, few, if any, French forms were received into its grammar, but the Saxon forms soon dropt away, because they did not suit the new roots, and the genius of the language, from having to deal with the newly-imported words in a rude state, was induced to neglect the inflexions of the native ones. This, for instance, led to the introduction of the *s* as the universal termination of all plural nouns, which agreed with the usage of the French language, and was not alien from that of the Saxon, but was merely an extension of the termination of the ancient masculine to other classes of nouns.”†

The proportion of Latin words in the English language, derived either through the medium of the French or immediately from the Latin itself, will form the subject of a subsequent lecture.

* Mr. Marsh observes—“Price finds confirmation of his theory in alleged corresponding changes of the Low-German dialects, and Latham in those of the Danish and Swedish. But the Low German, and the Danish and Swedish, have been exposed, not indeed to precisely the same causes of revolution as the Anglo-Saxon, but to somewhat analogous influences, and in all these cases the nature and amount of the change are, not corresponding to that of the Anglo-Saxon, but almost exactly proportioned to the character and amount of extraneous disturbing force. The Latin has operated more or less on all of them. In like manner in the Scandinavian dialects we find that the Icelandic, which has been always isolated, has remained almost the same for some centuries, that the Swedish, and the dialects of secluded districts in Norway, being less exposed to foreign influences than the Danish, retain a very large proportion of the characteristics of the Old Northern, while the language of Denmark, a country bordering upon Germany, and bound to it by a thousand ties, has become almost half Teutonic. If then we are to refer such changes to *inherent tendencies* only, how are we to explain these diversities between dialects which, even after the birth of what is distinctively the English language, were still nearly identical? See Madden’s Preface to *Layamon*, p. 1, and the authorities there cited.”

† Grimm, Introduction to the first edition of his Grammar, p. xxxii.

NOTES AND ILLUSTRATIONS.

A. ON THE EARLY INHABITANTS AND
LANGUAGES OF THE BRITISH ISLANDS.
(See p. 28.)

Agricola, who had been many years in Britain, stated that there was not much difference between the language of the Britons and that of the Gauls,* and that the religion of the two nations was the same. Agricola conjectured, it is true, that the red hair and large limbs of the Caledonians indicated a German origin; and that the dark complexion of the Silures, their curly hair and their position opposite to Spain, furnished grounds for believing that they were descended from Iberian settlers. But these were evidently mere conjectures, founded not upon language, but upon supposed physical resemblances, and neither Agricola nor Tacitus appears to have attached much importance to them, since the latter adds that, upon a general estimate of probabilities ("in universum tamen æstimanti"), one must believe that the Gauls took possession of the neighbouring coast.

Cæsar draws a distinction between the origin of the inhabitants of the inland parts of Britain and of those upon the coast. The former were said by tradition to have sprung from the soil, while the latter were Belgians, who had crossed over to the island for the sake of plunder, and were for the most part distinguished by the names of those states from which they had come (*Bell Gall* v 12). The latter statement has given rise to the erroneous hypothesis that the inhabitants of South Britain were Germans and not Celts, because Cæsar distinguishes the language of the Belgians from those of the Aquitanians and Celts or Gauls proper (*Bell Gall* i 1), and in another passage states that most of the Belgians were Germans (*Bell Gall* ii 4). But in the first place we may remark that, even according to Cæsar's own statement, the country of the Belgians was originally peopled by Celts, whom the German invaders expelled,† and it is therefore

more probable that it was these expelled Celts, and not their German conquerors, who crossed over to Britain, and in the second place, there are sufficient reasons for believing that after Cæsar's time nearly the same language continued to be spoken in Belgic and Celtic Gaul, and that consequently the intrusive German population was not so numerous as was represented to Cæsar.

That there was only a dialectical difference between the language of the Belgians and that of the Celts may be inferred from a passage of Strabo. This writer, after mentioning the threefold division of Gaul among the Aquitanians, Belgians, and Celts, says that the Aquitanians differ wholly from the others, in person as well as in language, and resemble the Iberians, while he adds that the Belgians and Celts have characteristics belonging to the Gauls in general, and *differ only a little in their language* (μικρὸν γαλαττοῦται τοῖς γαλατοῖς, iv. p. 176, ed. Casaubon). We possess also the testimony of Jerome to the same effect. Jerome had lived among the Treviri, who were a Belgic people, and he says that the Galatæ, a Celtic tribe settled in Asia Minor, spoke almost the same language as the Treviri (*Hieronym. Prolog. lib. ii. Comment. Epistolæ ad Galatas*, vol. i p. 255 Paris, 1706. Cited by Prichard, vol. iii. p. 112).

Independent of these testimonies, the local names in Belgic Gaul bear such a striking resemblance to those in Celtic Gaul as to furnish a conclusive proof that these districts must at one period have been inhabited by the same race. Similar names are also found in Britain, and not simply in the south of the island, where the Belgians settled, but also in those parts inhabited by the aboriginal Britons. (The reader will find abundant proofs of this statement in Prichard, vol. iii.)

As we have thus seen that there was a close similarity of language in Gaul and Britain, we now proceed to prove that this language belonged to the Cymric and not to the Erse dialect of the Celtic tongue. Most of the elements

* "Sermo haud multum diversus." (Tacit. *Agri- colæ* c. 11.) There can be no doubt that Tacitus derived his information respecting Britain from his father-in-law, Agricola.

† "Cæsar reperiebat, plerosque Belgas esse ortos

ab Germanis, Rhenumque antiquitus transductos, propter loci fertilitatem ibi condescisse Gallicoque, quæ ea loca incolerent expulsum."—*Bell Gall* ii. 4.

in the local names in these two countries can be explained only from the Cymric. In addition to these local names, the Greek and Roman writers have preserved many other Gallic words, all of which are more akin to the Cymric than to the Gaelic. Thus the Gallic words *petorrituri* (a four-wheeled chariot), *penipedula* (the quinqueseulum or cinquefoil), *Penninus deus*, *Penninum jugum*, *Epona* (the goddess of horses), are evidently connected with the Welsh *petuar* (four), *pump* (five), *penn* (a head or summit), *ep* in *epaul* or *ebaul* (a colt); while in Irish, *p* or *ch* takes the place of *p* in these words, as *ceithir* (four), *cóic* (five), *cenn* (head), *ech* (horse). The prefix *cer*, which occurs so frequently in ancient Gallic and British names, such as *Fercingetorix*, *Vernemetum*, *Fertigernus*, &c., and which corresponds to the inseparable particle *guer-*, *gur-*, *ger-*, in Welsh, is unknown in the Gaelic. The element *cun*, occurring in the British names *Cunobelinus*, *Cunotannes*, *Cunomagus*, *Maglocunus*, and in the Gallic *Hercynia silva*, *Hercunates*, is no doubt the same as the Welsh *cwn*, a height or elevation.

While the similarity between the languages of the ancient Gauls and Britons on the one hand, and the Welsh on the other, is thus evident, we do not mean to assert that they were absolutely identical. We may conclude, even from Strabo, that the inhabitants of Celtic and Belgic Gaul spoke different dialects, and it is probable that more than one Cymric dialect was spoken in Britain. Cæsar, as we have seen, draws a distinction between the inhabitants of the maritime and inland parts of Britain, and the Welsh traditions divide the island into three districts, called Lloegria, Cambria, and Alban (Scotland) (*Welsh Historical Triads*, No 2, ed. Probert). It has been conjectured that the Cornish represents the dialect of the Belgæ, who retreated westward when the Saxons pressed upon them from the East, and that the Welsh is the relic of the languages of Cæsar's aborigines, the two thus corresponding to the languages of the Lloegrians and Cambrians.

The language of North Britain or Caledonia also appears to have been Cymric till the invasion of the Scots and Picts at the end of the third century of our æra. The Greek and Roman

writers make no distinction between the inhabitants of Scotland and England. They call them alike by the name of Britons, and the Caledonians are represented as only one of the British tribes. After the Romans had withdrawn from the island, the southern part of Scotland became a separate British kingdom, called Strathclyde, of which the capital was Alcluyth or Dumbarton. There can be no doubt that the inhabitants of both this kingdom, and that of the Cumbrians to the south of Hadrian's Wall, spoke Welsh, and that, not only Cumberland, but also Galloway, as far as the Clyde, remained in the possession of the Cymric Britons till the end of the ninth century (Prichard, vol. iii. p. 159). The kingdom of Strathclyde extended as far as the wall of Antoninus, between the Friths of Forth and Clyde, and the Cymric population of Britain may therefore be placed at least as far north as this limit.

There is moreover no evidence that the population even further north belonged to a different race till the end of the third century. At this time the Scots and Picts are first mentioned in history, and the name of the Caledonians disappears. They are both represented as invading tribes. With respect to both the origin and language of the Scots there can be no doubt. The concurrent testimony of antiquity represents them as Irish immigrants, and Ireland as their proper home. The inhabitants of Ireland are called Scoti, and the island Scotia, for many centuries. The language of the conquering Scots still exists in the Highland Gaelic, which is Erse stripped of a few inflexions. With regard to the Picts the case is very different. Their origin and affinities have given rise to the most vehement disputes, and as their language has

* The ancient authorities for this statement are collected by Zeno, *Die Deutschen und die Nordgermanen* p. 508, and a few extracts will be sufficient to support the statement in the text. Thus Claudian writing of contemporary victories over the Scots in the fourth century, says—

"Scotorum cumulos levit glacialis Ierne"
De IV. Cons. Honor. 33
"—— totam cum Scotia Iernem
Movit et infensæ spumant remige Tetidæ."
De Laud. Stilich. l. 231

Ormus, who lived in the fifth century, states expressly "Hibernia a Scotorum gentibus cultur" (l. 2). So also Bede "hæc (Hibernia) antem proprie patria Scotorum est (l. 1) Scotia, quæ Hiberniam insulam Britanniam proximam incolat" (l. 4). Likewise the Geographer of Ravenna, "Hibernia quæ e Scotia appellatur" (v. 32).

parished, we have lost the only sure means of arriving at a satisfactory conclusion. The statements of the ancient writers respecting their origin are very vague, proving that they really knew nothing about the matter, and presenting a striking contra to their definite information respecting the Scots. Thus Bede (*Bede*, i 1) brings them from Scythia, and Claudian* from Thule, both terms of wide and uncertain application. Modern writers have variously pronounced them to be Germans, Scandinavians, Welsh, or Gael. It would be foreign to our purpose to enter into an examination of these various theories, and we must content ourselves with stating that the view which seems to be most in accordance with the known facts of the case makes them the remains of those Caledonian tribes who preserved their independence under the Romans, and who continued masters of the northern parts of Britain till the invasion of the Irish Scots. Although the Picts are so frequently mentioned along with the Scots, they must have spoken a different language, since the Irish missionary, St. Columba, was obliged to employ an interpreter when preaching to the Picts, and Bede mentions their language as one of the five spoken in Britain in his time, the other four being the Anglian (Anglo-Saxon), British (Welsh), Scottish (Gaelic), and the Latin of the Church (*Hist. Eccl.* i. 1). It follows from the same passage of Bede that the Pictish was also different from the Welsh, but there are strong reasons for believing that the former was a Celtic tongue, and more akin to the Cymric than to the Gaelic. In the names of Pictish kings, of whom a genuine list from the fifth century downwards is preserved in a manuscript of the Colbertine library, many of the forms can be identified as Welsh, though with some distinctions constituting a difference in dialect. Almost the only Pictish word given as such by an ancient writer is the well-known *Pen cal* (the name given by the Picts to the *Wall's End* or eastern termination of the vallum of Antoninus), of which the first part is decidedly Cymric, *pen*, "head," being contrary to all Gaelic analogy. The local names in the Pictish territory can in general only be explained from the

Welsh, of which we have a striking example in the words beginning with the Welsh prefix *aler*, which after the Gaelic occupation of the country was changed into *meer* thus *Inverin* and *Invernelthy* were previously *Aberin* and *Abernethy*. Again, the name of the *Ochil* hills in Perthshire is connected with the Welsh *uchel*, high, and *Strun Alban*, the name of the ridge dividing the Picts from the Scots, is the Welsh *bryn*, a ridge.

If the conclusion we have endeavoured to establish respecting the Pictish language be correct, it would follow that the whole of Britain was inhabited at the time of the Roman conquest by tribes speaking Cymric dialects. In this case the question inevitably occurs, If we find no traces of Gaelic on the British soil, how did they find their way to Ireland? It is not impossible that they crossed over the Bay of Biscay direct from Spain, which is the course assigned to them by numerous Irish writers, but we know nothing of the language of the Celtic tribes of Spain, and their local names point rather to a Cymric than to a Gaelic origin. It is more probable that the Gael was an earlier wave of population which passed over Britain before it was occupied by the Cymric tribes. This was the opinion of the celebrated Celtic scholar, Edward Lhuyd,† who endeavoured to prove that some of the local names in South Britain showed traces of an earlier Gaelic population, but although he cannot be said to have established this point,‡ and the Gaels seem to have left no trace behind them in South Britain, yet this hypothesis is upon the whole by far the most probable. The Gaels, as we have shown (p 28), are an older branch of the Celtic race, and it is therefore natural to conclude that they crossed to Britain and were subsequently driven

* In the preface to his *Archæologia Britannica*, Oxford, 1707. This preface, which was written in Welsh, is translated in Nicolson's *English, Scotch, and Irish Historical Library*, London 1776, 2nd ed., third appendix.

† The only words which lend any countenance to this statement are *Ouse*, *Aze*, *Fze*, contained in the names of many rivers in England and Wales, and which he connects with the Gaelic *uige* "water." But one instance is not sufficient to establish such an important historical fact, even if this root were not found in Cymric, but Mr Garnett remarks that, "though *uige* in Welsh does not now precisely mean water, it means a stream or current, and metaphorically, course, career, an analogy of import sufficiently close to justify the belief of its being of the same origin as the Gaelic word."—*Transactions of Philol. Soc.* l. p. 95.

* "Incelint & eorum angulinc Thule"
De IV. Caus. H. mor. 32.

out of it by the younger Cymric tribes. For further information on this subject the student is referred to Prichard's *Researches into the Physical History of Man*, vol. iii p 105 seq, 3rd ed, and to Mr Garnett's papers 'On the Languages and Dialects of the British Islands,' published in the first volume of the *Transactions of the Philological Society*, to which we are largely indebted in the preceding remarks.

B ENGLISH WORDS OF CELTIC ORIGIN (See p 29)

The following words relating to the ordinary acts of life, such as agriculture, masonry, carpentry, cookery, needle-work, &c., are taken from a longer list of similar words given by Mr Garnett in the *Proceedings of the Philological Society*, vol. i p 171 seq. A few French, Italian, and Germanic terms added for the sake of illustration, as also some apparently of Latin origin, where there appears reason to believe that they were adopted from the Celtic inhabitants of this island, and not from the Latin or Anglo-Norman.

WELSH.	ENGLISH.
*bagawd	basket ✓
beria	barrow
botwm	button.
brân skin of wheat	bran
brodla, to darn, em- broder	broder, Fr broi- der, E.
bwyell, hatchet . .	Ger bell; E bill.
cab, caban, hut	cabin.
cae, enclosure, hedge	quay
ceubal, boat	cobble
clwt, patch, clytiaw, to patch	clout.
cusp, button . . .	} knob
cwch, knob . . .	} knob
crall, clasp, brace .	cramp-ion, Fr sgraffe.
crochan, a pot . .	crook, crockery
crog, a hook . . .	crook.
cwch, boat . . .	cock boat.
cwysed (from cwys, ridge, furrow)	gusset.
cyf, cylyn	kill, Prov; kiln, Eng.
dantseth, choice morsel	dainty
darn, a patch . .	darn.
deintur, frame for stretch- ing cloth	tenter
fflam, cattle-lance	beam.

* The Celtic terms in the following lists are Welsh, except when otherwise specified. Ff represents the ordinary f. Single f is pronounced like v. Abbreviations—W Welsh G Gaelic Br Breton, Fr French, Ital Italian, Ger German, Sc Lowland Scotch, Prov Provincial.

WELSH	ENGLISH
ffasged, large wicker vessel	flasket, York-h., a pail.
fflaw, shiver, splinter	flaw
ffris, nap of cloth	frieze
ffynel, air-hole, chimney	funnel
gardas (gar, shank, tas, tie)	garter
gelyn, feller	gyve.
greidell, iron baking- plate	griddle.
grual	gruel.
gwath, a carriage . .	wain.
gwall, rampart . . .	wall.
gwald, hem, border	welt.
gwiced, little door	wicket.
gwlanen (from gwlan, wool)	flannel, Heref. flannen.
gwlyb, liquor	slip.
gwn, robe	gown.
gwyfr	wire.
heislan, heisyll, instru- ment to dress flax	hatchell, hackle.
hem, a border	hem.
hws, a covering, hwsan, a hood	housing
llath, rod	lath.
llogell, drawer, partition	locker.
llymry, jelly made with oatmeal	flummery.
masg, stitch in netting .	mesh.
matog	mattock.
mop, mopa, maukin, &c.	mop
paol, a pail or pot . .	pail.
pan, cup bowl	pan.
parc, field enclosure	park.
peg, pegged, a measure	peck.
peled, little ball, bullet	pellet.
piser, a jug (Bret. picier)	pitcher.
potes, a cooked mess	potage
rhail, a fence, mound . .	ral.
rhasg, a slice	rasher.
rhic, rhig notch, groove	ridge.
rhil, a row	drill.
rhun, rawed edge or border	rim.
rhawch, rough garment	rug.
sawduriaw, to join, cement	solder ✓
soch, sink, drain . . .	sough.
syth, stiffening, glue, &c.	size
tacl, instrument, tool .	tackle.
tasel, fringe, tuft . . .	tassel.
trul, a borer	drill; Ital. tri
trullaw, to bore } . .	vella.

FAMILIAR TERMS

asbri, trick, mischief	spree
baldorddus, prating	balderdash.
bwg, hobgoblin . . .	bug bugbear ✓
bygyll, to threaten	bully ✓
cic, foot, ciclaw, strike with the foot . . .	kick.
cnoc, a rap	knock.
coblyn, a sprite . . .	goblin, cf. Ger ✓ kobold.
crwcen, to bend, crwcwd, squatting, cwrc crw- cud, id	crouch.
cwrian, to squat . . .	cower
cwtws, a lot	cut (draw cuts)

WELSH	ENGLISH
ewll, reparation; cyllu, separate	enll
chwap, smart stroke	whap
chwodlen, to prate, gossip	twaddle
fug, deception	fudge.
grymlu, to murmur	grumble.
gweddu, to yole, unite,	
marry	wed.
gwyal, mark	goal
gwyll, to weep	woll
herlodes, a hoyden ..	harlot, meretriz
hooden, a flirt	boyden
hwch, a turn	hog
llachlaw, to cudgel ..	lick
llawd, youth	lad
lloes, a girl	lass
madredd, pus	matter
newyl, tepid, sultry ..	muggy.
nuglaw, to shale	nudge
paneg penygyn, entrails	paunch.
piclaw, to throw	pitch.
prylaw, to interrogate em-	
barrass	pose, puzzle.
pwca, hobgoblin ..	puck.
pwmp, round mass, dim	
pwmp, knob, &c	bump, pimple
tasg, a job, piece-work ..	task
toclaw, to cut short	dock
toslaw, to jerk, throw	toss
triplaw, to stumble ..	trip, cf Fr tré-
	bucher.
troddi, move forward,	
progress	trudge

C. ON THE NORTH-ANGLIAN DIALECT.

"The whole body of our Anglo-Saxon literary monuments, from the eighth century downwards, is reducible to two great divisions, West-Saxon and Anglian. Political events gave a decided preponderance to the former, so that, towards the end of the ninth century, we perceive its influence on the written language in almost every part of England. It also appears to have acted powerfully upon the spoken dialect of the Western Mercians, who were originally Angles, but who seem to have gradually adopted various peculiarities of the West-Saxon speech. The Anglian branch, including the Northumbrian division of it, once boasted of a flourishing and extensive literature, but civil commotions and the ravages of foreign invaders gradually caused the bulk of it to disappear. A few fragments fortunately escaped the general wreck. Besides the verses uttered by Bede on his death-bed, the inscription on the Ruthwell Cross, and the fragment of Caedmon printed in Wanley's Catalogue, we have in the Durham Ritual, published by the Surtees Society, and in the celebrated

Gospels, Cott. MS. Nero, D. 4, undoubted specimens of the language of Northumbria in the tenth century. A portion of the Glosses to the Rushworth Gospels in the Bodleian Library, supposed to have been written in Yorkshire, is in the same dialect. The Glosses to the Psalter, Cott. MS. Vesp. A. 1, also printed by the Surtees Society, though more southern, are of the same generic character, that is to say, Anglian as distinct from West-Saxon,—and, on account of the antiquity and purity of the language, they are the most valuable monument of the class. These pieces present a form of language differing in many important points from the West-Saxon, and approximating in some degree to the Old Saxon and the Westphalian dialect of Old German. The dialects descended from this were, in the eleventh century, and perhaps still earlier, distinguished from those of the south and west by the greater simplicity of their grammatical forms, by the preference of simple vowels to diphthongs, and of hard gutturals to palatals, by the frequent and eventually almost universal rejection of the formative prefix *ge*, and by the recurrence of peculiar words and forms never found in pure West-Saxon. Another characteristic is the infusion of Scandinavian words, of which there are slight traces in monuments of the tenth century, and strong and unequivocal ones in those of the thirteenth and fourteenth. Some of the above criteria may be verified by a simple and obvious process, namely, a reference to the topographical nomenclature of our provinces."

One of the most important peculiarities of the dialect of the Durham Gospels and the Ritual is the termination of the infinitive mood in *a*, which is the Scandinavian form, instead of *an*, which is the Anglo-Saxon ending. In the Durham Gospels all infinitive moods are invariably formed in *a* and not *an*, with the single exception of *bián*, "to be," and since in the older Psalter the infinitive moods end in the Anglo-Saxon *an*, we may fairly ascribe the change found in the Durham Gospels to the influence of the Danish immigrants. Again, we find in the Durham books the Scandinavian peculiarity of prefixing *at* or *al* to the infinitives, as *at eatia*, "to chew," a form still retained in the present local

* Mr Garnett, in *Quarterly Review* for March 1818, p. 235

speech of Westmoreland In the North-umbrian works of a later date we find many other Scandinavian forms, such as the particle *sum*, in the sense of *as*, Danish *som* e.g. "*sica sum* we forgive our debtors," so *as* we forgive our debtors *

"Besides these we find, both in ancient and modern times, *braid* to resemble, Swedish *bråas*, "han bråas på sin fader," in Yorkshire, "he braids on his father," *e* takes after or resembles him, *eldin* firing, Dan *eld* fire, *force*

waterfall, Isl *fors*, *gar* make or cause, Isl *gōra*, *gull* ravine, narrow valley, Isl *gul*, *greet* weep, Isl. *grāta*, *let* carrion, Dan *kjød* flesh, *lant* sech, Dan. *lede*, *lathe* barn, Dan *lade*, *lile* little, Dan. *lille*, with innumerable others, either totally unknown in Anglo-Saxon or found under perfectly distinct forms. It is proper to observe that some of those words and forms are not peculiar to the Northumbrian district, but are also current in the North-Anglian dialect of the West Riding of Yorkshire, where they were equally introduced by the Danes."

* See Carritt and Kemble in Proceedings of the Philological Society, vol. ii. pp. 79 seq. 117 seq.

LECTURE III.

PRACTICAL USES OF ETYMOLOGY.

§ 1. Philological Studies. § 2. Etymology English Dictionaries. § 3. Extravagance of etymologists. § 4. Etymology of English words *issue*, *abominable*. § 5. Method of etymology: illustration from the Portuguese word *saudade*. § 6. Uses of etymology: illustration from the English word grain

§ 1. In a previous lecture,* the distinction made in recent grammatical nomenclature between philology and linguistics was illustrated by comparing the former to the physiology of a single species, the latter to the comparative anatomy of different species. Etymology, or the study of the primitive, derivative, and figurative forms and meanings of words, must of course have different uses, according to the object for which it is pursued. If the aims of the etymological inquirer be philological, and he seek only a more thorough comprehension and mastery of the vocabulary of his own tongue, the uses in question, though not excluding other collateral advantages, may be said to be of a strictly practical character; or, in other words, etymology, so studied, tends directly to aid us in the clear understanding and just and forcible employment of the words which compose our own language. If, on the other hand, the scholar's objects be ethnological or linguistic, and he investigate the history of words for the purpose of tracing the relations between different races or different languages, and of arriving at those general principles of universal grammar which determine the form and structure of all human speech, his studies are indeed more highly scientific in their scope and method, but they aid him little in the comprehension, and, as experience abundantly shows, scarcely at all in the use, of his maternal tongue. But though I admit that philology is of a less rigorously scientific character than linguistics, I by no means concede to the latter any pre-eminence as a philosophic study, or as requiring higher intellectual endowments for its successful cultivation, and it cannot be disputed that, as a means of ethical culture, philology, connecting itself, as it does, with the whole mental and physical life of man, illustrating as well the inward thought and feeling as the outward

* See p. 19.

action of a nation, has almost as great a superiority over linguistics as history over pure mathematics. Philological studies, when philology was restricted to the cultivation of the languages, literature, history, and archaeology of Greece and Rome, were very commonly called *literæ humaniores*, or, in English, the *humanities*, and it is the conviction of their value as a moral and intellectual discipline which has led scholars almost universally to ascribe the origin of this appellation to a sense of their refining, elevating, and humanising influence. Thus, however, I think, is an erroneous etymology. They were called *literæ humaniores*, the humanities, by way of opposition to the *literæ divinæ*, or divinity, the two studies, philology and theology, then completing the circle of scholastic knowledge, which, at the period of the introduction of the phrase, scarcely included any branch of physical science. But though the etymology is mistaken, its general reception is an evidence of the opinion of the learned as to the worth and importance of the study, and, now that so many modern literatures have attained to an excellence scarcely inferior to that of classic models, their special philologies have even stronger claims upon us than those of ancient lore, because they are not only almost equally valuable as instruments of mental culture, but are more directly connected with the clear intelligence and fit discharge of our highest moral, social, and religious duties.

✓ § 2. Etymology is a fundamental branch of all philological and all linguistic study. The word is used in two senses, or rather, the science of etymology has two offices. The one concerns itself with the primitive and derivative forms and significations of words, the other with their grammatical inflexions and modifications; the one considers words independently and absolutely, the other in their syntactical relations. In discussing the uses of etymology, I shall confine myself to the first of these offices, or that which consists in investigating the earliest recognizable shape and meaning of words, and tracing the history of their subsequent changes in form and signification. A knowledge of etymology, to such an extent as is required for all the general purposes of literature and of life, is attainable by aids within the reach of every man of moderate scholastic training. Our commonest dictionaries give, with tolerable accuracy, the etymologies of most of our vocabulary, and where these fail, every library will furnish the means of further investigation. It must be confessed, however, that no English dictionary at all fulfils the requisites either of a truly scientific or of a popular etymologicon. They all attempt too much and too little—too much of comparative, too little of positive etymology. Of course, in a complete thesaurus of any language, the etymology of every word should exhibit both its philology and its linguistics, its domestic history, and its foreign relations, but in a hand-lexicon of any modern tongue this wide

range of linguistic research is misplaced, because it necessarily excludes much that is of more immediate importance to the understanding and the use of the vocabulary. Richardson's, which, however, is faulty in arrangement, and too bulky for convenient use as a manual, best answers the true idea of an English dictionary, because it follows, more closely than any other, the history of the words it defines.* For the purposes of general use, no foreign roots should be introduced into the etymological part of a dictionary barely because they resemble, and are presumably cognate with, words of our own language. The selection of such should be limited to those from which the English word is known to be derived, and such others as, by their form or their meaning, serve more clearly to explain either its orthography or some of its significations. Whatever is beyond this belongs to the domain of linguistics, comparative grammar, ethnology, to a *thesaurus*, not a dictionary, and it can find room in this latter only by excluding what, for the purposes of a dictionary, is of greater value.

X § 3. The extravagance of etymologists has brought the whole study of words into popular discredit; and though that study is now pursued in much stricter accordance with philosophic method, instances of wild conjecture and absurd speculation are still by no means wanting. *Ménage*, formerly often, and now sometimes, cited as an authority in French etymology, and of course with respect to the origin of English words borrowed from the French, is among the boldest of these inquirers. He hesitates not to assign any foreign primitive, no matter how distant the source, as the origin of the French word resembling it; and when none such offers, he coins a Low-Latin root for the occasion.† In such cases, the detection of the falsehood is difficult, its refutation next to impossible, for in the chaos of monkish and secular writers in that corrupted dialect, who can say what barbarisms may not occur? *Ménage* is not the only etymologist who has sinned in this way, for it is one of the safest and easiest of literary frauds. Dr. Johnson thought we were not authorized to deny that there might be witches because nothing proved their non-existence; and the same principle may compel us to pause in disputing a plausible etymology, for want of evidence to show that the supposed root does or does not actually exist in a given vocabulary. The wise old Fuller, whom no lover of wit, truth, beauty

* See Notes and Illustrations (A), *On English Dictionaries*.

† A French epigrammatist says, upon one of *Ménage's* derivations —

*Alphana vient d'équus, sans doute,
Mais il faut avouer aussi
Qu'en venant de la jusqu'ici
Il a bien changé sur la route."*

and goodness can ever tire of reading, says, in reference to an extravagant etymology:—

“As for those that count the Tatars the offspring of the ten tribes of Israel, which Salmanasar led away captive, because Tatars or Totari signifieth in the Hebrew and Syriack tongue a residue or remnant, learned men have sufficiently confuted it. And surely it seemeth a forced and overstrained deduction to farre-fetch the name of Tartars from a Hebrew word, a language so far distant from them. But no more hereof; because, perchance, herein the woman’s reason hath a masculine truth, and the Tartarians are called so, because they are [called] so. It may be curious etymologists (let them lose their wages who work in difficult trifles) seek to reap what was never sown, whilst they study to make those words speak reason, which are only *locos ad placitum*, imposed at pleasure.”

The theory of Fuller was better than his practice, and he not unfrequently indulged in etymological speculations as absurd as that which he ridicules respecting the Tatars, for he derives *compliment*, not, as he says others did, “à complétione mentis,” but “à complètè mentiri,” because compliments are usually completely mendacious, and elsewhere he quotes with seeming assent Sir John Harrington’s opinion that the Old-English *elf* and *goblin* came from the names of the two great political factions of the Empire, the Guelphs and Ghibellines. One can hardly believe Roger Ascham serious in deriving *war* from *uarre* or *werre*, the old form of the comparative *worse*, because *war* is *worse* than peace,* but even this derivation is only less absurd than Blackstone’s of *parson* from *persona*, *persona ecclesiæ*, because the parson personates or represents the church. The most extraordinary word-fanciers we have had in English literature are Murray and Ker.

* Allied to this is Spenser’s derivation of *world*.—

“But when the word *woxe* old, it *woxe warre* old
(Whereof it light).”—*Faerie Queene*, b. iv. c. viii. s. xxxi.

The ingenious author of the excellent little work on English Synonyms, edited by Archbishop Whately, supposes *world* to be the participle *whirled*, and says the word was evidently expressive of roundness. The *wh* in *whirl* (*hw* in the corresponding Gothic words) is radical, and would not have been represented in Anglo-Saxon by *w*, as in *woruld*, *weoruld*, *world*. Besides this, the word *world* is older than the knowledge of the globular form or the rotation of the earth among the Gothic tribes. A still more conclusive argument against this etymology is the fact, that the Anglo-Saxon *woruld*, the Icelandic *veröld*, did not mean the *earth*, the *physical*, but the *moral*, the *human world*, the Latin *seculum*. The Anglo-Saxon name of the *earth* was *middan-eard* or *middan-geard*, corresponding to the Mæso-Gothic *midjurgards*. The most probable etymology of *world* seems to be *wer* (cognate with the Latin *vir*), *man*, and *old*, *age* or *time*.

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Murray derives all English, in fact all articulate words, from nine primary monosyllables, which are essentially natural to primitive man. The family likeness between the nine is so strong that Murray might, with much convenience and small loss of probability, have reduced them to one, for they all agree in their vowel and final consonant. The catalogue of these surprisingly prolific roots is this: 1, ag, wag, or hwag; 2, big, or bwag; 3, dwag, 4, cwag; 5, lag; 6, mag; 7, nag; 8, rag, and 9, swag.* Ker is somewhat less ambitious, but quite as original and ingenious in his theories. He found the English public simple enough to buy two editions of a work in two volumes, the object of which is to show that a very large proportion of our current English proverbs are, not translations or imitations of Dutch ones, but mere mispronunciations, corruptions of common Dutch phrases and expressions totally different in meaning from that which is ascribed to the proverbs, as we employ them. Thus the proverbial phrase, "He took the bull by the horns," is a corruption of "hii tuck tije bol by die hoorens," which means, "here head calls contrivance in;" that it is as it ought to be. "As still as a mouse," is, "als stille als er meê hose," as still as one without shoes, and even the national cry, "Old England for ever!" is not plain English at all, but Low Dutch for "Hail to your country—evince your zeal for her!"

The general idea is of course too absurd to be met by argument, and the book is of about the same philological value as Swift's 'Medical Consultation,' and other trifles, where the words are Latin in form, but similar in sound to English words of different signification, so that the Latin words is, his, honor, sic, mean, "Is his honour sick?" The speculations of more recent and more eminent philologists, though certainly made more plausible by historical evidence and by apparent analogies, are, sometimes, not less unreasonable.†

* [A Dr. Schmidt performs a more amazing feat, for he derives all Greek words from the root *e*, and all Latin words from the arch-radical *h*. Curtius, *Griechische Etymologie*, p 13, quoted by Max Muller, *Science of Language*, p 371.—ED]

† I certainly do not intend to class Dr. Latham with the dreamers to whom I refer in the text, but I must be permitted here to notice what is, at least, an inaccuracy of expression in his etymology of our English word *drake*. He says 'English Language, 2nd edition, p 214), "It [drake] is derived from a word with which it has but one letter in common, viz the Latin *anas*, duck." The common name of the duck in the Gothic languages is doubtless allied to *anas*, and in most of them the same root occurs in forms which contain the consonantal elements of the word *drake*. Two of these elements, the *r* and *k*, are signs of the masculine termination. The *d* is radical, as are also the corresponding mute *t* in the Latin *anas* (genitive *anat-is*), and the *n* which has been dropped from *drake*, or rather perhaps formed the *d* by coalescence with the *t*, as in

Grambe, a character in the *Memoirs of Scriblerus* much given to punning, declares that he was always under the dominion of some particular word, which formed the theme of his puns. Mays, a very late and learned German philologist, who occupies himself with Greek etymology, is, unconsciously no doubt, under the influence of a similar verbal crotchet. The particular word which tyrannises over his researches is the German verb *stossen*, in English *to push*. There are several Sanskrit roots possessing this signification, and, according to our author, there are few Greek words not derived from some one of them. His own special favourite among these Sanskrit radicals is *dh u*, and he finds a probability, amounting very nearly to certainty, that the following words, as well as hundreds of others equally discrepant from the primitive type, are derived from it: *Agamemnon*, *Asia*, *Athene*, *Ægyptus*, *βουός*, *Gallus*, *Geryon*, *Demeter*, *Eidothea*, *Helle*, *Enarete*, *Zephyrus*, *Hebe*, *Jocasta*, *Leda*, *Polydeuces*, *Sisyphus*. The process by which these derivations are made out is as simple as possible. Take for instance *Gallus*. Beginning with *dh u*, spelled *d, h, u*, if you cut off *d*, you have *h u*, whence it is but a step to *h v a*; *h v a* passes readily into *g a*, and by adding *l*, you obtain *g a l*, which wants only the inflexional final syllable *us*, with the reduplication of the *l*, and your word is finished. After this, we may well say that etymology, like misery, makes us acquainted with strange bedfellows.

§ 4. In admitting that most English etymological dictionaries point out the origin of the greater part of our vocabulary, I must limit the concession to words derived, as are the great majority of ours, directly from Greek, Latin, French, or Anglo-Saxon roots still to be found in the recorded literature of those languages. With respect to words which have traditionally descended from the old Gothic storehouse, and which do not occur in the existing remains of Anglo-Saxon literature, or which have been borrowed from remoter sources, and especially with respect to the attempts made by lexicographers to trace English words, through the languages I have named, back to still older dialects, and to detect affinities to words belonging to the

modern Greek, where *rr* is pronounced *d*, and therefore *drake* and *anas* are related as being both derived from a common root. But to assert that *drake* is derived from *anas* is not only a violation of the legitimate rules of etymological deduction, but it involves the historical improbability of affirming that a people as old as the Romans themselves were without a name for one of the commonest and most important game-birds of their clime, until they borrowed one from their foreign invaders. In fact, if either nation received the word from the other, instead of both inheriting it from some common but remote source, the habits of the bird in question, whose birthplace and proper time is in the far North, would render it more probable that the Gothic was the original, the Latin the derivative form.

vocabularies of languages not of the Gothic or Romance stock, I know no English dictionary which is worthy of the smallest confidence. Take for example our noun and verb issue. Nothing can be plainer than its origin to one who is content with the simple truth. We have borrowed it from the obsolete French issir, which, as well as the cognate Italian uscire, is evidently a modern form of the compound Latin infinitive ex-ire, to go out. A celebrated lexicographer gives, as related words, the French and Italian forms, but he fails to see that they are derived from the Latin exire, and suggests that they coincide with the Ethiopic watsa. The tendency of this constant search after remote analogies is to lead the inquirer to overlook near and obvious sources of derivation, and to create a perplexity and confusion with regard to the real meaning of words, by connecting them with distant roots slightly similar in form, and, frequently, not at all in signification. There are, in all literatures, numerous instances where words have been corrupted in orthography, and finally changed in meaning, in consequence of the adoption of a mistaken etymology. An example of this is the common adjective abominable, which was once altered in form and meaning by a mistake of this sort, though better scholarship has now restored it to its true orthography, and more nearly to its proper signification. It is evidently regularly formed from the Latin verb abominor, itself derived from ab and omen. Abominable accordingly involves the notion of that which is in a religious sense profane and detestable, or, in a word, of evil omen; and Milton never uses it, or the conjugate noun abominations, except with reference to devilish, profane, or idolatrous objects. Quite early in English literature some sciolist fancied that the true etymology was ab and homo, and that its proper meaning was repugnant to humanity, inhuman. This derivation being accepted, the orthography was changed to abominable, and in old English books it is often used in a sense corresponding to its supposed origin, nor has it even yet fully recovered its appropriate meaning.

§ 5. We may, in numerous instances, trace back the use of a word to a remote antiquity, and find at the same time that it was employed in many languages between which we are unable to detect any historical or even grammatical relation. When, in such case, any of the foreign derivative or inflexional changes of the root throw light on the form of the corresponding English word, or when its radical meaning serves to explain any of the different senses which we ascribe to our own vocable, and which are not deducible from its known historical etymology, the fact of the existence of such a word becomes philologically, as well as linguistically, interesting. If, however, the foreign word does not aid us in understanding or employing the corresponding English one, whatever may be its importance in

linguistics, it is in English philology, and of course etymology wholly insignificant. I will borrow an example from languages which I can hardly presume to be familiar to many of my audience, and others from some domestic sources. The Portuguese word, saudade, which expresses an affectionate, regretful longing for a lost or absent beloved object, has been said by Portuguese scholars to be peculiar to their own tongue, and to have no equivalent in any other European speech. A similar word, however, with the same general, and often the same precise, signification, occurs in Icelandic, Swedish, and Danish, in the respective forms saknaðr, saknad and Savn. Now there is no link of relationship, by which any actual connexion can be made out between the Scandinavian and the Portuguese words, no common source to which both can be referred, nor does the form or meaning of either serve in the least to explain those of the other. The coincidence is a remarkable fact, it may become linguistically important, but at present it is not of the slightest consequence to the philology of either of the languages in question. In like manner, I understand the English words father, mother, brother, sister, not at all the better for knowing that they are used in forms not widely differing from our own, in most of the languages belonging to the Indo-European family.

§ 6. It will be found pretty generally true, that with respect to words used in their simple form and literal sense, the study of their derivation is of little use in aiding us to form a just conception of their meaning; but if they are compounds, and especially if their employment in our own language is a figurative one, we are essentially assisted by a knowledge of their etymology. If you tell a child that our noun and adjective purple is the Anglicised form of the Latin purpureus, a word of similar signification, you tell him nothing. So if, for the origin of precipitate and precipitation, he is barely referred to the Latin præceps as the source of these English words, he has learned what is not worth remembering. But if you go further, and explain to him that præceps is a compound of præ, *before*, and the root of caput, *the head*, so that præceps and precipitate both mean *head-foremost*, he will have gained an entirely new conception of the force of the words.

I will illustrate the emptiness of etymology as usually pursued, and its practical value when studied by simpler and less pretentious methods, by the history of our English word *grain* in a single one of its many senses. I observe in reading 'Il Penseroso' that Milton describes Melancholy as clad

"All in a robe of darkest grain"

Upon turning to Webster for an explanation of *grain*, I find its etymology in twelve closely-printed lines, giving twenty-five words.

which the lexicographer supposes to be cognate with *grain*, from thirteen languages. Fifteen meanings, several of which, though distinguished, are indistinguishable, are ascribed to *grain*. Among them is *dye* or *tincture*, no particular hue being assigned to the dye, and, as an exemplification of this sense of *grain*, the fine descriptive invocation to Melancholy, to which I have alluded, is cited :—

"Come, pensive Nun, devout and pure,
Sober, steadfast, and demure,
All in a robe of darkest *grain*,
Flowing with majestic train."

It is evident that the lexicographer understands Milton as clothing the Divinity simply in a garb of a dark colour, without indication of the quality of the colour, but this conception of the meaning of *grain*, as used in the passage, is wholly erroneous, as I shall proceed to show.

Of the twenty-five words referred to in Webster's etymology, only the Latin *granum*, with three or four derivatives from it in as many modern languages, and the Scandinavian *gren*, have any probable affinity with *grain*, in origin or in any of its significations, and with the exception of the sense of a *prong* or *tine*, and perhaps, also, of *fibre* and the imitations of fibre in painting, every one of the fifteen meanings ascribed to the word is referable to the Latin *granum*, and not to any of the other roots adduced. Both these exceptions belong to a Gothic radical (in Swedish, *gren*) signifying a branch or twig, and still extant in the Scottish dialect with the same sense

✓ The history of the word *grain*, in the sense of a dye, is this : The Latin *granum* signifies a seed or kernel, and it was early applied to all small objects resembling seeds, and finally to all minute particles. A species of oak, or ilex, the *quercus coccifera* of botanists, common on all the Mediterranean coasts, and especially in Spain, and there called *coscoja* (a corruption of the Latin *cusculum* or *quisquillum*), is frequented by an insect of the genus *coccus*, the dried body, or rather ovarium, of which furnishes a variety of red dyes. From its round seed-like form, the prepared *coccus* was called in later Latin, *granum*, and so great were the quantity and value of the *coccum* or *granum* produced in Spain, that, according to Pliny, it paid half the tribute of the province.* It is even said that the city and territory of

* *Coccum* is from the Greek *κόκκος*, a kernel or berry. *Κόκκος* was one of the names applied by the Greeks to the insect and the tree on which it bred. From *κόκκος* comes the adjective *κόκκινος*, denoting the colour obtained from the insect, as also the Latin *coccinus* and *coccineus* employed in the same

Granada derived their name from the abundance of *granum*, *coccum*, or *grain*, gathered there.* *Granum* becomes *grana* in Spanish, *graine* in French, and from one of these is derived the particular use of the English word *grain* which we are now investigating. *Grain*, then, as a colouring material, strictly taken, means the dye produced by the *coccus* insect, often called, in commerce and in the arts, *kermes*, but inasmuch as the *kermes* dye, like that extracted from the *murex* of Tyre, is capable of assuming a considerable variety of reddish tones or hues, Milton and other English poets often use *grain* as equivalent to *Tyrian purple*. We will now apply this etymology to the interpretation of the passage which Webster cites from Milton, and will also examine all the other instances in which *grain* is employed in the sense of a colour by that poet and by Shakespeare.

First, then, the verses from 'Il Penseroso':—

"Come, pensive Nun, devout and pure,
Sober, steadyfast, and demure,
All in a robe of darkest *grain*,
Flowing with majestic train."

Here the epithet "darkest," and the character and attributes of the Divinity who is clothed in *grain*, show that the poet meant, not, as Webster supposes, a mourning black, or a dull, neutral tint, but the violet shade of purple. What a new beauty of imagery this explanation sheds on one of Milton's most exquisite creations!

Coleridge, who, of all English writers, is most attentive to etymology, and most scrupulously accurate in the use of words, in the preface to his 'Aids to Reflection' has this passage, apparently, however, a quotation—"doing as the dyers do, who, having first dip't their silks in colours of less value, then give them the last

sense In the Wycliffite translations of the Bible this word is found in eight different forms, *coȝ* being the nearest to the root, *cocȝyn* the most remote from it. *Coȝyn* which occurs in Apocalypse xvi 12, in the version printed as Wycliffe's in Bagster's *Herap'a*, is either a typographical error, or a various reading for *cocȝyn*, and not an early orthography of *cotton*

The form *coccus* (masculine) is the modern scientific name of the insect, but I believe the neuter, *coccum*, alone occurs in classical Latin

* This derivation was, I believe, first suggested by Calepin, and it is adopted by Facciolati, and by some Spanish authors as, for example, by Pellicer, *El Fenix*, 34, E, but the name has been generally supposed to be of Arabic origin. In the chronicles of the Middle Ages it is generally written *Gernatha* or *Garnatha*, and, upon the supposition that this is the true orthography, various absurd Arabic etymologies have been suggested, but as it appears from the *España Sagrada*, new edition, vol. xxix., p. 201, 209, that *Grazda* in Catalonia was called *Granatum* in the tenth and eleventh centuries, I think that the form *Garnatha* is a Moorish corruption, and that Calepin's conjecture is probably well founded

tincture of crimson in *grain*,^{*} thus employing the word with a just appreciation of its meaning in ordinary poetic usage, but assigning to it a lighter shade than the purple or violet which it evidently designates in the passage cited from 'Il Penseroso.' It should, however, be observed, by way of note, that the process of dyeing, in ancient times when both grain and Tyrian purple were in use as colouring materials, was nearly the reverse of that described by Coleridge; for Pliny, speaking of the practice of dyeing with two colours or shades of colour, says:—"Nay, it will not serve their turne to mingle the abovesaid tinctures of sea-fishes, but they must also doe the like by the die of land-colours; for when a wool or cloth hath taken a crimson or skarlet in *graine*, it must be dyed again in the Tyrian purple, to make the light red, and fresh lustie-gallant. As touching the *graine* serving to give tincture, it is red, and cometh out of Galatia, or else about Emerita in Portugal," &c. (Holland's 'Pliny,' ix. 41.)

Again, in the Eleventh Book of 'Paradise Lost,' v. 243-9, Milton employs the same word to denote still another tone of colour:—

"The archangel soon drew nigh,
Not in his shape celestrial, but as man
Clad to meet man over his lucid arms
A military vest of purple flow'd
Livelier than Melibœan, or the *gram*
Of Sarra, worn by kings and heroes old
In time of truce, Iris had dipped the woof."

In this passage a brighter colour, approaching to scarlet, is evidently meant. Now, *grain* of Sarra is *grain* of Tyre, Sarra being used by some Latin authors for Tyrus, and *grain* of Sarra is equivalent to *purple of Tyre*, Milton here employing, as I have just observed, the name of the colour obtained from the kermes, coccus or grain, as synonymous with purple of Tyre, which latter dye was the product of different species of shell-fish.^{*} The Greek πορφύρεος, and the Latin purpureus, embraced all shades of colour between scarlet and dark violet inclusive, because all these hues were obtained from shell-fish by different mixtures and processes† In fact, though in common speech we generally confine our use of the English *purple*

^{*} The ancient writers carefully distinguish between the costly shell-fish purple and the cheaper coccum. Thus Martial, v. 23 —

"Non nisi vel cocco madida, vel murice tincta
Veste nitet."

And Ulpian, *Dig* xxxi. 1, 70, 13:—

"Purpuræ appellatione omnis generis purpuram contineri puto, sed coccum non continebitur."

There is an interesting and even eloquent passage on the value attached by the Romans to the true purple in Pliny *Nat Hist* ix. 36

† Many shades of Tyrian purple are enumerated in Pliny, *Nat Hist* ix. 62, 65 (Holland's Trans. ix. 38-41).

to the violet hue, yet it is employed poetically, and in reference to ceremonial costumes, to express as wide a range of colours as the corresponding Greek and Latin adjectives.*

In describing the "proper shape" of the Archangel Raphael in the Fifth Book of 'Paradise Lost,' the poet uses *grain* in the sense of purple, and gives to it at once the whole extent of its varied significations:—

"Six wings he wore, to shade
His lineaments divine. the pair that clad
Each shoulder broad came mantling o'er his breast
With regal ornament, the middle pair
Girt like a starry zone his waist, and round
Skirted his loins and thighs with downy gold
And colours dipp'd in heaven, the third his feet
Shadowed from either heel with feathered mail,
Sky-tinctured grain."

Those who remember the hues which the painters of the sixteenth century give to the wings of angels, will be at no loss to understand the epithet *sky-tinctured*, which here qualifies *grain*. Sky-tinctured is not necessarily azure, for *sky*, in Old English and the cognate languages, meant clouds,† and Milton does not confine its application to the concave blue, but embraces in the epithet all the brighter tints which belong to meteoric phenomena. Doubtless he had in his mind the angels that he had seen depicted by the great Italian masters, and chose the phrase "sky-tinctured grain" as embodying, like their pinions, all the gorgeous spontaneous hues of sun-lit cloud, and rainbow, and cerulean vault, together with the richest colours which human cunning had extracted from the materials of creative nature. It is interesting to observe how the brilliancy of the image floating in the poet's fancy pervades the whole passage, and anticipates, by a vague and general expression, the specification of the particular colours which he ascribes to the wings of the archangel, for in his description of the first pair, which

"came mantling o'er his breast
With regal ornament,"

he, no doubt, meant to suggest the imperial purple, the appropriate cognizance of royalty.

* Aelfric, *Homilies*, ii 253-4, uses *wolcen-read* for scarlet in giving the narrative of the Passion, where Matth xxvii. 28 has, in the Greek text, *χλαύδα κοκκίνη*. *Wolcn*, *wolcen*, *weoluc*, *weolc*, the modern Eng. *whelk*, is a shell-fish, in this case the Tyrian murex. This root is employed in Anglo-Saxon in many compounds denoting purple or scarlet, and the Anglo-Saxons must of course have been acquainted with the source from which the ancient purples were obtained.

† For examples from English writers, see Notes and Illustrations (B), 'Sky in sense of 'Cloud.'

In 'Comus' (748) we find *grain* again employed as the name of a particular colour :—

"It is for homely features to keep home,
They had their name thence, coarse complexions
And cheeks of sorry *grain* will serve to ply
The sampler, and to tress the housewife's wool.
What need a vermeil tinctured lip for that,
Love-darting eyes, or tresses like the morn?"

Grain here does not refer to the texture of the skin, which is sufficiently indicated by the epithet *coarse* in the preceding line, but to the colour, the *vermilion* of the cheek and lips which, for those devoted to such humble duties, the enchanter Comus thinks may well be *sorry* or of inferior tint. This interpretation is confirmed by a passage in Chaucer,

"His lippes reed as rose,
His rode is like scarlet en *grayn*;"

"*rode*" meaning complexion. And in the epilogue to the 'Nonnes Preestes Tale,' in Tyrwhitt's edition, Chaucer, speaking of a man of a sanguine complexion, says :—

"Him nedeth not his colour for to dien,
With Brazil, ne with *grain* of Portingale."

The phrase *purple-in-grain*, applied to the beard in 'Midsummer Night's Dream' (act 1. sc 2), signifies a colour obtained from kermes, and doubtless refers to a hair-dye of that material :—

"*Bottom*—Well, I will undertake it. What beard were I best to play it in ?

Quin.—Why, what you will.

Bottom.—I will discharge it in either your straw-coloured beard, your orange-tawny beard, your *purple-in-grain* beard, or your French crown-coloured beard, your perfect yellow."

Again, Webster defines the phrase *to dye in grain*, "to dye in the raw material, as wool or silk, before it is manufactured" That the phrase is popularly misunderstood, and has long been commonly used in this sense, is true, but the original signification is dyed *with grain* or kermes.

The explanation of this familiar and figurative sense, which is given by the lexicographer as the proper and literal one, is simple. The colour obtained from kermes or grain was a peculiarly durable, or, as it is technically called, a *fast* or *fixed* dye, for *fast* used in this sense is, etymologically, *fixed*. When then a merchant recommended his purple stuffs, as being dyed in *grain*, he originally meant that they were dyed with *kermes*, and would wear well, and this phrase, by a common process in language, was afterwards applied to other colours, as a mode of expressing the quality of durability.*

* The bright reds of the old Brussels tapestry, so remarkable for the dura-

Thus, in the 'Comedy of Errors' (act iii. sc. 2), to the observation of Antipholus :—

"That's a fault that water will mend"—

Dromio replies :—

"No, sir, 'tis in *grain* ; Noah's flood could not do it."

And in 'Twelfth Night' (act i. sc. 5), when Olivia had unveiled, and speaking of her own face had asked :—

"Is it not well done?"—

to Viola's insinuation that her complexion had been improved by art ;—

"Excellently done, if God did all,"

Olivia replies :—

"'Tis in *grain*, sir ; 'twill endure wind and weather."

In both these examples it is the sense of permanence, a well-known quality of the purple produced by the *grain* or *kermes*, that is expressed. It is familiarly known that if wool be dyed before spinning, the colour is usually more permanent than when the spun yarn or manufactured cloth is first dipped in the tincture. When the original sense of *grain* grew less familiar, and it was used chiefly as expressive of *fastness* of colour, the name of the effect was transferred to an ordinary known cause, and *dyed in grain*, originally meaning dyed with kermes, then dyed with fast colour, came at last to signify dyed in *the wool* or other raw material. The verb *ingrain*, meaning to incorporate a colour or quality with the natural substance, comes from *grain* used in this last sense, and is now very extensively employed in both a literal and a figurative acceptance.*

Kermes, which I have used as a synonym of *grana* or *grain*, is the Arabic and Persian name of the coccus insect, and the word occurs in a still older form, *k r m i*, in Sanskrit. From this root are derived the words *carmine* and *crimson*, common to all the European languages. The Romans sometimes applied to the coccus the generic name *vermiculus*, a little worm or insect. *Vermiculus* is the diminutive of *vermis*, which is doubtless cognate with the Sanskrit *k r m i*, as is also the English word *worm*. From *vermiculus* comes *vermilion*, the name of an allied colour, erroneously supposed to be produced by the kermes, though in fact of a different origin, and I may add that *cochineal*, as the name both of a dye which has now almost wholly superseded the European *grain*, and of

bility as well as the brilliancy of their tints, are known to have been dyed with kermes or grain

* On the phrase *Dyeing in grain*, see also Notes and Illustrations (C).

the American insect which produces it, is derived, through the Spanish, from *coccum*, the Latin name of the Spanish insect. Johnson, and even Richardson, mistake the meaning of *grain*, and ascribe to it the same signification as Webster. Richardson derives it from the Saxon *geregnan*, certainly a wrong etymology, and they both refer to most of the passages I have quoted, as exemplifications of the erroneous definition they have given it. This is a remarkable oversight, because *grain*, as the English for *coccum*, was in very general use in the seventeenth century, and it is only recently that *kermes* has superseded it. Good exemplifications of this employment of the word will be found in Holland's 'Pliny,' i. 259, 261, 461, ii. 114, and in many other old English writers.

It will, I think, be admitted that in every passage which I have cited in illustration of the meaning of the word *grain*, the knowledge of its true origin and signification gives additional force and beauty to the thought in the expression of which it is employed, and I have selected it as a striking example of the advantages to be derived from the careful study of words, and especially of the light which is thus often thrown upon obscure figurative expressions, as contrasted with the insignificance of the bare fact, that the same word or root exists in other languages. It is, however, rarely the case that a simple uncompounded word so well repays the labour of investigation, though the analysis of many compound words will be found equally instructive.

The importance of habitual attention to the exact meaning of words, considered simply as a mental discipline, can hardly be overrated, and etymology is one of the most efficient means of arriving at their true signification. But etymology alone is never a sure guide. In passing from one language to another, words seldom fail to lose something of their original force, or to acquire some new significance, and we can never be quite safe on this point, until we have established the precise meaning of a word by a comparison of different passages where it occurs in good authors.

NOTES AND ILLUSTRATIONS.

[A. ON ENGLISH DICTIONARIES.
(See p 50)]

By the late Rev Richard Garnett, from the *Quarterly Review*, September, 1835. The whole of this article, entitled 'English Lexicography,' from which the following extracts are taken, deserves careful study.)

"We had seen Dr. Webster's work so highly praised, particularly by his countrymen, that we were led to form high expectations of its merit. These expectations have, in a great measure, been disappointed. We give the author credit for great industry—some of which is not unsuccessfully directed. He has added many words, and corrected many errors, especially in terms relating to natural history and other branches of modern science. But the general execution of his work is poor enough. It contains, indeed, the words in common use, with their ordinary acceptations, but conveys no luminous or correct views of the origin and structure of the language. Indeed, as an attempt to give the derivation and primary meaning of words, it must be considered as a decided failure; and is throughout conducted on perverse and erroneous principles. The mere perusal of his Preface is sufficient to show that he is but slenderly qualified for the undertaking. There is everywhere a great parade of erudition, and a great lack of real knowledge, in short, we do not recollect ever to have witnessed in the same compass a greater number of crudities and errors, or more pains taken to so little purpose. In his sketch of languages he describes Basque as a pure dialect of the old Celtic: it is neither allied to the Celtic nor to any other European family of tongues. He states further that he 'has no particular knowledge of the Norwegian, Icelandic, and the dialects or languages spoken in Switzerland, further than that they belong to the Teutonic or Gothic family.' Could a man who professes to have spent half his life in comparing languages be ignorant that Iceland is the venerable parent of the whole Scandinavian tribe, and consequently of first-

rate importance in tracing the origin of words? He discovers that the prefixed *a* in *awake*, *ashamed*, etc., is formed from the Anglo-Saxon *ge*; with which it has not the smallest connexion, and, moreover, that the same particle (*ge*) is retained in the Danish and in some German and Dutch words. It is notoriously of the most extensive use in Dutch and German, and the very few Danish words in which it occurs are one and all borrowed from the Lower Saxon. With equal felicity he asserts that the prefix *be* is of extensive use in Danish and Swedish. Just as much as *hyper* and *peri* are in Latin, *be* like *ge* is in those two languages a borrowed particle, and from the same quarter. He thinks the negative prefix *o* in Swedish, is probably a contracted word, being unable to perceive its identity with the German and English *un*. As might be supposed from these specimens, Dr Webster's application of the northern tongues to English etymologies is often erroneous and perverse enough—it is, however, upon the whole, better than we should have anticipated from one so slenderly acquainted with their structure and peculiarities. He has taken great pains in collecting and comparing synonyms from different languages, and is often sufficiently happy in the explanation of individual terms. But the ambitious attempt to develop the radical import of words was an undertaking far beyond his strength and acquirements. . . . The main feature of Dr. Webster's work, and the point on which he evidently most prides himself, is a laborious parallel between Hebrew, with its kindred dialects, and those European languages from which English is derived. We hesitate not to say that it is a waste of time and labour to attempt to establish an analogy between two classes so totally unlike in their component elements, as well as their entire mechanism and grammatical structure."

Mr Garnett points out that the etymological portion of Mr Richardson's Dictionary is equally unsound from his implicitly adopting the erroneous principles of Horne Tooka.

The following remarks of Mr. Garnett, with which I entirely agree, are important in reference to the words which a dictionary ought to contain —

"Archaic and provincial terms belong rather to a glossary than to a standard dictionary of a cultivated language. A repository of such words, to be of any real value, ought to be complete, and it is easy to perceive what dreadful confusion it would cause to blend a huge mass of antique and dialectical forms with the English of the present day. We conceive the following would be a proper division of the different periods of our tongue — 1 An Anglo-Saxon lexicon, concluding with the eleventh century. 2 A glossary of archaic, and, what is much the same thing, provincial English, to the end of the fifteenth century. 3 Classical and modern English, from A.D. 1500 to the present time. Words belonging to the second period must of course be referred to for the illustration of those in the third, but ought not to be classed with them" — [En.]

B. SKY IN SENSE OF CLOUD.
(See p 59.)

" . . . a certeine winde . . .
That blew so hidously and hie,
That it ne left not a skie
In all the welkin long and brode"
CHALCER, *House of Fame*,
ll. 508-511

" . . . all sodenly
She passeth as it were a skie
All clene out of this ladies sight"
GOWER, *Conf. Amant.* iv
(Pauli's ed., li 50)

" . . . Aurora, which afore the
sunne
Is wont t' enchase the blacke skyes
danne"

LYDGATE, in *Troy-Boke*,
Warton, II. xxiii

"The purpoure sone . . .
Tarrow goldin skyis putting up his
head"

IDEM, *Warton*, II. xxx

The *Promptorium Parvulorum* has —
"Hovyn yn the eyre, as byrdis,
[bryddys,] or skyis, or other lyke," &c

C. DYEING IN GRAIN. (See p 61)

Dyeing in grain meant dyeing with grain.

"There is another sort of *Tunalls* which . . . beares another commodity and profit, which is of the *graine*, for that certaine small wormes breede in the leaues of this tree, . . . and this is that Indian Cochenille so famous, and wherewith they die in *graine*" (Purchas, iii. 957.) Cochineal yields colours much like those obtained from coccum or grana. Hence the name of *grain* was applied to it, and this passage among many others shows that dyeing in *grain* meant dyeing with coccum or grana, or with cochineal.

To the same purpose are the following expressions to which a friend refers me in Halluyt, ed 1589. "violets in *graine* and fine reds be most worne," "violets dyed in *graine* with purple colors and fine reds," p 380, "*Graine* that you dye scarlet withall," 383

Dyed in grain is also used in the sense of dyed with fast colour.

The French employ both *cramoisi*, crimson, from *kermes*, *grain*, and *carlate*, scarlet, much in the same way. *Bleu cramoisi* meant, in Old French, deep blue, *carlate noir*, deep black; and we find in *Foulques Fitz Warin*, p 70, "e se vestirent de un escarlet vert" (and dressed in deep green) So in *Kyng Alisaunder*, which was translated from the French, v 4986-7:

"Thy clothen hem with grys and er-
myne,
With golde and silver and *scarlet* pers
fine;"

where *scarlet* pers means deep blue.

In both languages, these words are used figuratively in an analogous sense. A rogue in *grain* is a thoroughly corrupt knave. "Etre sot ou laid en *cramoisi*," is, to be thoroughly foolish or ugly, and Cotgrave gives "*sot en cramoisi*, an ass in *grain*." Rabelais, v. xlvii., has en *cramoisi* for perfectly "Par saint Ian ie rhythmeray comme les autres, ie le sens bien, attendez, et mayez pour excusé si ie ne rythme en *cramoisy*."

The verb *ingrain* originally signified dyed with grain:

"Hire robe was ful riche
Of reed scarlet *engreynd*"

Piers Ploughman, *Vision*, 908.

LECTURE IV. 5. 7.

FOREIGN HELPS TO THE KNOWLEDGE OF ENGLISH

1. Knowledge of English. § 2 Composition of English Anglo-Saxon and Latin. § 3. Study of Anglo-Saxon § 4 Study of English grammar. § 5. Study of Latin grammar. § 6. Meso-Gothic. § 7. Scandinavian. § 8. French § 9. Greek § 10. Sanskrit.

§ 1 FROM the opinions I have already expressed, it will have been observed, that I do not hold any wide range of linguistic learning necessary to the attainment of a good knowledge of English etymology. I am equally well persuaded that English grammar, so far as respects the application of its principles to practical use, may be thoroughly mastered with little aid from foreign sources. Some of the greatest writers in the English language have known little or nothing of other tongues. Shakespeare is a striking example. We cannot indeed positively deny that the great dramatist had enjoyed a partial scholastic training, yet, on the other hand, there is no extraneous proof that he possessed any foreign linguistic attainment, and the attempt to infer his classical education from the internal evidence of his works is simply a begging of the question. It has been argued that Shakespeare was a classical scholar, because Ben Jonson says he possessed "small Latin and less Greek," while another contemporary ascribes to him "little Latin and no Greek." Halliwell thinks he certainly knew Italian, because Manningham compares 'Twelfth Night' to an Italian play called *Inganni*. But such proofs as these are even feebler than those by which it has been attempted to convict him of deer-stealing, or to show, now that he was a cabin-boy, now an incipient Lord Chancellor. So far as concerns the facts of ancient and modern European history and biography, we know that the English reader had, through translations, abundant means of access to all the information on these points which Shakespeare displays; and in an age when prominent writers affected Latinism in style, classical turns of expression were too common in English to need to be sought in the dead languages alone. The supposition of such a scholastic training, as even a very moderate acquaintance with Latin alone implies, is at variance with the known facts of Shakespeare's history, and it is highly improbable that a young man of his country and social condition, who married and entered upon the

duties and cares of active life at the age of eighteen, could have acquired such an amount of philological learning as perceptibly to affect his style and his command of the resources of his native tongue. We are then fairly entitled to class him among the men of one speech, until stronger evidence shall be adduced than has yet appeared to the contrary.

Not many English authors have possessed a more attractive or more strictly idiomatic style, not many have exhibited a wider variety of expression, than Izaak Walton, but Walton had no classical learning, and his orthography, *hogoe* * for *haut goût*, shows that he knew as little of French. Benjamin Franklin formed his remarkable style by the assiduous study of English models, before he had any acquaintance with other languages, and we have in our own times an illustrious example of the possession of an excellent style and a very wide command of words, without any philological attainment whatever, except such as can be acquired by the study of the English tongue. The late Hugh Miller, to whom I refer, had few contemporaneous superiors as a clear, forcible, accurate, and eloquent writer, and he uses the most cumbrous Greek compounds as freely as monosyllabic English particles. Yet it is certain that he was wholly ignorant of all languages but that in which he wrote, and its Northern provincial dialects.

When we consider the wide range of modern intellectual pursuits, the immense accumulation of apparently isolated but certainly related facts, which the press in its multiplied forms of activity is hourly bringing before us, the vast additions to even our fireside vocabulary from every branch of natural science, every field of speculative investigation, it is easy to perceive that we require many accessory disciplines to make us thorough masters even of the dialect of ordinary cultivated society. To exemplify. our metaphysical and mathematical nomenclatures are, with modified meanings, borrowed chiefly from the Latin, our chemical from the Greek, and hundreds of words have been introduced from the dialects of these studies into the vocabulary of common life, often indeed with changes or qualifications of signification, but still retaining much of their original value. Now, no amount of classical knowledge will enable us to comprehend the meaning attached to most of these words in the modern vocabulary. *Hydrogen* and *oxygen*, *miocene* and *pleiocene*, are modern compounds of Greek roots, but, however familiar their radicals, these terms would no more explain themselves to the intelligence of a Greek than to an unlettered Englishman. Their scientific signification must be sought in scientific treatises, and the etymology of such words is of no importance as a guide to their

* *Complete Angler*, edition of 1653, p. 160.

meaning, though as a remembrancer it may be of some value * We cannot learn all words through other words There is a large and rapidly increasing part of all modern vocabularies which can be comprehended only by the observation of nature, scientific experiment,—in short, by the study of things

§ 2 It must, nevertheless, be admitted that a knowledge of certain other languages is a highly useful auxiliary in the study of our own. Indeed, so important are such studies, and so few are they who will seriously set themselves about the investigation of the structural laws of the English tongue, with such seemingly inadequate helps alone as it offers to facilitate the researches of the native inquirer, that, in laying down general plans of education, a course of foreign philology and literature has been usually prescribed, avowedly as a means of instruction in English grammar and syntax, rather than as an independent discipline

There are two languages, which, considered simply as philological aids to the student of English, must take precedence, the one as having contributed most largely to our vocabulary and built up the framework of our speech, the other, both as having somewhat influenced the structure of English, and as being in itself a sort of embodiment of universal grammar, a materialization, I might almost say a petrification, of the radical principles of articulate language. These are the Anglo-Saxon and the Latin tongues

When an intelligent foreigner commences the study of English, he finds every page sprinkled with words whose form unequivocally betrays a Greek or Latin origin, and he observes that these terms are words belonging to the dialect of the learned professions, of theological discussion, of criticism, of elegant art, of moral and intellectual philosophy, of abstract science, and of the various branches of natural knowledge. He discovers that the words which he recognizes as Greek and Latin and French have dropped those inflexions which in their native use were indispensable to their intelligibility and grammatical significance, that the mutual relations of vocables and the sense of the English period are much more often determined by the position of the words, than by their form, and in short that the sentence is built up upon structural principles wholly alien to those of the classical languages, and compacted and held together by a class of words either unknown or very much less used in those tongues He finds that very many of the native monosyllables are mere determinatives, particles, auxiliaries, and relatives, and he can hardly fail to infer that all the intellectual part of our speech, all that concerns our highest spiritual and temporal interests, is of alien birth, and that only the merest machinery of grammar has been derived from a native source. Further study would teach

* See Lecture IX.

him that he had overrated the importance and relative amount of the foreign ingredients; that many of our seemingly insignificant and barbarous consonantal monosyllables are pregnant with the mightiest thoughts, and alive with the deepest feeling, that the language of the purposes and the affections, of the will and of the heart, is genuine English-born; that the dialect of the market and the fireside is Anglo-Saxon; that the vocabulary of the most impressive and effective pulpit orators has been almost wholly drawn from the same pure source, that the advocate who would convince the technical judge, or dazzle and confuse the jury, speaks Latin; while he who would touch the better sensibilities of his audience, or rouse the multitude to vigorous action, chooses his words from the native speech of our ancient fatherland, that the domestic tongue is the language of passion and persuasion, the foreign, of authority, or of rhetoric and debate; that we may not only frame single sentences, but speak for hours, without employing a single imported word; and finally that we possess the entire volume of divine revelation in the truest, clearest, aptest form in which human ingenuity has made it accessible to modern man, and yet with a vocabulary, wherein, saving proper names and terms not in their nature translatable, scarce seven words in the hundred are derived from any foreign source

In fact, so complete is the Anglo-Saxon in itself, and so much of its original independence is still inherited by the modern English, that, if we could but recover its primitive flexibility and plastic power, we might discard the adventitious aids and ornaments which we have borrowed from the heritage of Greece and Rome, supply the place of foreign by domestic compounds, and clothe again our thoughts and our feelings exclusively in a garb of living, organic, native growth.

§ 3. Such, then, being the relations between Anglo-Saxon and modern English, it can need no argument to show that the study of our ancient mother-tongue is an important, I may say an essential, part of a complete English education, and though it is neither possible, nor in any way desirable, to reject the alien constituents of the language, and, in a spirit of unenlightened and fanatical purism, thoroughly to Anglicize our speech, yet there is abundant reason to hope that we may recover and reincorporate into the English language many a gem of rich poetic wealth, that now lies buried in more forgotten depths than even those of Chaucer's "well of English undefiled."

The value of Anglo-Saxon as a branch of English philology is most familiar in its relations to our etymology, and its importance as an auxiliary in the study of English syntax is far less obvious, though not less real. But the structure of the language is too infertile to be of much use as an instrument of grammatical discipline

§ 4. So far as respects English or any other uninflected speech, a knowledge of grammar is rather a matter of convenience as a nomenclature, a medium of thought and discussion *about* language, than a guide to the actual use of it, and it is as impossible to acquire the complete command of our own tongue by the study of grammatical precept, as to learn to walk or swim by attending a course of lectures on anatomy. I shall show more fully on another occasion,* that when language had been, to use an expressive Napoleonism, once *regimented*, and instruction had grown into an art, grammar was held with the Greeks, and probably also with the Romans, so elementary a discipline, that a certain amount of knowledge of it was considered a necessary preliminary step towards learning to read and write, but in English, grammar has little use except to systematize, and make matter of objective consideration, the knowledge we have acquired by a very different process. It has not been observed in any modern literature, that persons devoted chiefly to grammatical studies are remarkable for any peculiar excellence, or even accuracy, of style, and the true method of attaining perfection in the use of English is the careful study of the actual practice of the best writers in the English tongue.

"Another will say," argues Sir Philip Sidney in his 'Defence of Poesie,' "that English wanteth grammar. Nay, truly, it hath that praise that it wants not grammar; for grammar it might have, but needs it not, being so easie in itselfe, and so void of those cumbersome differences of cases, genders, moods and tenses, which I thinke was a peece of the tower of Babylon's curse, that a man should be put to schoole to learne his mother-tongue. But for the uttering sweetly and properly the conceit of the minde, which is the ende of speech, that it hath equally with any other tongue in the world." The forms of English are so few, its syntax so simple, that they are learned by use before the age of commencing scholastic study, and what remains to be acquired belongs rather to the department of rhetoric than of grammar. "Undoubtedly I have found," observes Sidney further, "in divers smal learned courtiers a more sound stile than in some possessors of learning; of which I can ghesse no other cause, but that the courtier, following that which by practice he findeth fittest to nature, therein (though he know it not) doth according to art, though not *by* art; where the other using art to shew art, and not hide art, (as in these cases he should doe), flieth from nature, and indeed abuseth art."

Upon questions of construction in inflected languages, where every thing depends on simple verbal form, appeal is made to the sense of sight if the period is written, to that of hearing if pronounced, and

* See Lecture XX.

the meaning is often determined by no higher faculties than those concerned in the comparison of mere material and sensuous objects. In English, on the contrary, although we have fixed laws of position, yet as position does by no means necessarily conform to the order of thought, and nothing in the forms indicates the grammatical connexion of the words, there is a constant intellectual effort to detect the purely logical relations of the constituents of the period, to consider the words in their essence, not in their accidents, to divine the syntax from the sense, not infer it from casual endings, and hence it may be fairly said that the construction and comprehension of an English sentence demand and suppose the exercise of higher mental powers than are required for the framing or understanding of a proposition in Latin.

Nevertheless, a clear objective conception and comprehension of the general principles of syntax is very desirable, and this can hardly be obtained except by the presentation of them in a materialized, and, so to speak, visible shape. To the knowledge of grammar as a science, and therefore to a scientific comprehension of English grammar, as well as of the general principles of language, the study of some tongue organized with a gross and palpable machinery is requisite, and the laws of syntax must be illustrated by exhibiting their application in a more tangible form than can be exemplified in a language so destitute of inflexions, and so simple, and consequently so subtle, in its combinations as the English.

§ 5 This advantage, or, for it is very doubtful whether it is an advantage to those who use the language possessing it, this convenience, rather, as an educational engine, is eminently characteristic of the Latin. The vocabulary of the Latin is neither copious nor precise, its forms are intricate and inflexible, and its literature, as compared with that of Greece, exhibits the inferiority which belongs to all imitative composition. But in the regularity, precision, and distinctness of its inflexions and structure, it atones for much of the indefinite mistiness of its vocables, and it is an admirable linguistic machine for the manufacture of the coarser wares of intellectual produce and consumption. For the expression of technicalities, the narration of marches and battles, the description of sieges and slaughters, the enunciation of positive rules of pecuniary right, the promulgation of dictatorial ordinances and pontifical bulls, the Latin is eminently fitted. Its words are always

“*Sic volo, sic jubeo, stet pro ratione voluntas.*”

and it is almost as much by the imperatorial character of the language itself—the speech of masters, not of men—as by the commanding position of the people to whom it was vernacular, and of the church which sagaciously adopted it, that it has so powerfully n-

fluenced the development and the existing tendencies of all modern European tongues, even of those which have borrowed the fewest words from it.

The Latin grammar has become a general standard, wherewith to compare that of all other languages, the medium through which all the nations of Christendom have become acquainted with the structure and the philosophy of their own, and technical grammar, the mechanical combinations of language, can be nowhere else so advantageously studied

While, then, the study of Anglo-Saxon and of the older literature of English itself promises the most abundant harvest of information with respect to the etymology of the fundamental part of our present speech, and an inexhaustible mine of material for the further enrichment of our native tongue, we must, in spite of the close analogy between the syntax of primitive and modern English, and the great diversity between that of the latter and of Latin, still turn to the speech and literature of Rome, as the great source of scientific grammatical instruction.

§ 6. The Mæso-Gothic, both intrinsically, and as being the earliest form in which considerable remains of any dialect cognate with our own have come down to us, is of much philological interest and importance. There are extant in Mæso-Gothic a large proportion of a translation of the Gospels and Epistles by Ulphilas, a semi-Arian bishop of that nation in the fourth century, portions of commentaries on different parts of the New Testament, and only a few less important fragments

It is a point of dispute how far any of the later Teutonic dialects can claim direct descent from the Mæso-Gothic, but it is certain that it is very closely allied to all of them, and scarcely any modern Germanic forms are too diverse from that ancient tongue to have been derived from it. In variety of inflexion, and power of derivation and composition, in the possession of a dual and of certain passive forms, and in abundance of radical words, an inexhaustible material for development and culture, the Mæso-Gothic bears a certain resemblance to the Greek, while on the other hand, it is identified as a Germanic speech, by the character of its radicals, almost all of which yet exist in the Teutonic languages, by its want of any verbal tenses but the present and the past, by the co-existence of a very complete system of vowel-changes in a strong, with a well-marked weak, order of inflexion,* and by general syntactical principles †

* [The grammatical term STRONG is used to indicate inflexion by means of a change of vowel, while the term WEAK indicates inflexion by the addition of a letter or letters thus *man, men*; *gave, gate* are examples of the Strong declension and conjugation, while *church, churches*, *love, loved* are examples of the Weak.—ED.]

† It is a question of curious interest whether those Crimean Goths who

§ 7. The Scandinavian languages, the Swedish and Danish, and especially their common mother the Icelandic or Old Northern, the Friesic, which, in some of its great multitude of dialects, perhaps more than any other language resembles the English, the Dutch, and the German, particularly in the Platt-Deutsch or Low-German forms, are all of value to the thorough etymological and grammatical study of our native tongue.

They are important, not so much as having largely contributed to the vocabulary, or greatly influenced the grammatical structure of English, but because, in the poverty of accessible remains of Anglo-Saxon literature in different and especially in early stages of linguistic development, we do not possess satisfactory means of fully tracing the history of the Gothic portion of our language. There are very many English words and phrases, whose forms show them to be Saxon, but which do not occur in Anglo-Saxon manuscripts. These may generally be explained or elucidated by reference to the sister-tongues, and consequently some knowledge of them is almost as useful to the English student as Anglo-Saxon itself. I should unhesitatingly place the Icelandic at the head of these subsidiary philologies, because, from its close relationship to Anglo-Saxon, it furnishes more abundant analogies for the illustration of obscure English etymological and syntactical forms than any other of the cognate tongues*. It is but recently that the great value of Icelandic philology has become known to the other branches of the Gothic stock, and one familiar with the treasures of that remarkable literature,

the Austrian ambassador, Busbequius, saw at Constantinople about the middle of the sixteenth century, and of whose vocabulary he has given us some scanty specimens in his fourth letter, were of Mæso-Gothic descent. It is difficult to account for their presence in that locality upon any other supposition, but the few words of their language left us by Busbequius do not enable us positively to determine to what branch of the Gothic stock their linguistic affinities would point.

* English philologists formerly ascribed perhaps too much to the Scandinavian Gothic as an element in the structure and composition of Anglo-Saxon, and more recent inquirers have erred as widely in denying that Early English was sensibly modified by the same influence. The dialects of Northern England, where the population partakes in greater proportion of Danish blood, show a large infusion of Scandinavian words and forms, and many of these have become incorporated into the general speech of Britain. (See Lecture II.) The written Anglo-Saxon and Old Northern certainly do not resemble each other so closely as to render it probable that they could have been mutually intelligible to those who spoke them; and we find that by the old Icelandic law the representatives of Englishmen dying in Iceland were expressly excluded from the right of inheritance, as foreigners, of an unknown speech, *þeir menn er menn kaunna eigi-hér máli eðr tungu við*. At the same time, it appears abundantly from the sagas that the Old Northern was well understood among the higher circles in England, and the Icelandic skalds or bards were specially welcome at the English court.

and the wealth, power, and flexibility of the language which embodies it, sees occasion to regret the want of a thorough knowledge of it in English and American grammatical writers, more frequently than of any other attainment whatever.

§ 8 French, of course, is of cardinal importance, both with reference to the history of our grammatical inflexions, and as having contributed, though chiefly as a conduit, much more largely to our vocabulary than any other foreign source. The English words usually referred to a Latin original, have, in a large majority of cases, come to us through the French, and we have taken them with the modifications of orthography and meaning which our Norman neighbours had impressed upon them. The syntax of English, in its best estate, has been little affected by French influence, and few grammatical combinations of Romance origin have been permanently approved and employed by good English writers. Every Gallicism in syntax is presumably a corruption, but Norman French itself, as known to our ancestors, had been much modified by an infusion of the Scandinavian element, and therefore, forms of speech which we have borrowed from the French are sometimes referable, in the last resort, to a Gothic source.

§ 9. I cannot speak of even Greek as being of any such value in reference to English grammar or etymology, as to make its acquisition a well-spent labour, unless it is pursued for other purposes than those of domestic philology. But, that I may not be misunderstood, let me repeat that, so far from dissuading from the study of Greek as a branch of general education, I do but echo the universal opinion of all persons competent to pronounce on the subject, in expressing my own conviction that the language and literature of ancient Greece constitute the most efficient instrument of mental training ever enjoyed by man, and that a familiarity with that wonderful speech, its poetry, its philosophy, its eloquence, and the history it embalms, is incomparably the most valuable of intellectual possessions. The grammar of the Greek language is much more flexible, more tolerant of aberration, less rigid in its requirements, than the Latin. The *varium et mutabile semper femina*, of the Latin poet, for example, is so rare an instance of apparent want of concord, that it startles us as abnormal, while similar, and even wider grammatical discrepancies, are of constant occurrence in Greek. The precision, which the regularity of Latin syntax gives to a period, the Greek more completely and clearly accomplishes by the nicety with which individual words are defined in meaning, and while the Latin trains us to be good grammarians, the Greek elevates us to the highest dignity of manhood, by making us acute and powerful thinkers.

§ 10. Nothing could well have been more surprising than the dis-

covery that the ancient Sanskrit exhibits unequivocal evidence of close relationship to the Greek and Latin, as well as to the modern Romance and the Gothic languages, in both grammar and vocabulary, and these analogies have served to establish a general alliance between a great number of tongues formerly supposed to be wholly unrelated. When linguistic science shall be farther advanced, the Sanskrit will probably in a great measure supersede the Latin as the common standard of grammatical comparison among the European tongues, with the additional advantage of standing much more nearly in one relation both to the Gothic and the Romance dialects. But at present, Sanskrit is accessible only to the fewest, and the English student can hardly be advised, as a general rule, to look beyond the sources from which our maternal speech is directly derived, for illustrations either of its grammar or vocabulary. With respect to verbal forms, and points of grammatical structure not sufficiently explained by Anglo-Saxon, Latin, and French inflexion and syntax, it may in general be said, that any one of the Gothic dialects will supply the deficiency; and if the inquirer's objects be limited to the actual use of his own tongue, the study of English authors is a better and safer guide, than any wider researches in foreign philologies.

LECTURE V.

STUDY OF EARLY ENGLISH

- § 1 Neglect of the study of English § 2 Difficulty of English : incorrectly spoken. § 3. Early development of modern languages. § 4. Late development of English § 5 Etymology and vocabulary of Early English. § 6 Early English literature: the 'Ormulum' 'Piers Ploughman.' § 7. English of the fifteenth century. § 8 English of the sixteenth century. § 9. English of the seventeenth century. § 10 English of the eighteenth and nineteenth centuries

§ 1. THE systematic study of the mother-tongue, like that of all branches of knowledge which we acquire, to a sufficient extent for ordinary practical purposes, without study, is naturally very generally neglected. It is but lately that the English language has formed a part of the regular course of instruction at any of our higher seminaries, nor has it been made the subject of as zealous and thorough philological investigation by professed scholars, as the German, the French, or some other living languages. It is a matter of doubt how far we are aided in acquiring the mastery of any spoken tongue by the study of scientific treatises, but however this may be, it is only very recently that we have had any really scientific treatises on the subject, any grammar which has attempted to serve at once as a philosophical exposition of the principles, and a guide to the actual employment of the English tongue. The complete history of the language, the characterization of its periods, the critical elucidation of its successive changes, the full exhibition of its immediate and certain foreign relations, as distinguished from its remote and presumptive affinities, has never, to my knowledge, been undertaken.* While, therefore, for class instruction, and for many purposes of private study, there is no lack of text-books and other critical helps, yet a historical knowledge of English must be acquired by observing its use and action, as the living speech of the English race, not

* I am certainly not blind to the great importance and utility of the works of Latham, Fowler, Brown, and other learned and laborious inquirers into the facts and theory of English grammar, but the consideration of their merits does not come within the scope of these lectures, the object of which is to recommend and enforce the study of English, not at second hand or through the medium of precept, but by a direct acquaintance with the great monuments of its literature.

as its excellence is demonstrated in the disquisitions of the Philosopher.

§ 2. The task is generally reputed to be among the more difficult of the great European languages, but it is hard for a native to say how far this opinion is well founded. The conjugation of our own tongue with a foreign speech is certainly not a good deal of difficulty. Particular phrases and constructions, of course, are easily enough forgotten at such times, but the general mechanism of our verbal invention is so much a matter of necessity, spontaneous action, to be easily recollected, as that, on the other hand, in order to guess we are too much absorbed in the intellectual phenomena to be able to grasp the whole field. The richness of the task is too great, the illustration in two parts of the most varied sort, too objectionable. But I am inclined to the belief, that English is more difficult than most of the Continental languages, at least as regards learning, for I think it is certain that for a foreigner to speak it with fluency and accuracy, if he is desirous of governmental propriety, is not more frequent among the best English writers, and the circumstances happen that people exert in the use of Italian and words are lax in the application of rules of syntax and construction. A distinguished British scholar of the last century said he had known but three of his countrymen who spoke the respective languages with uniform pronunciation, and the observation of most persons who have painted with English and American colours confirms the general truth implied in this declaration. Commerce equally weighs upon the French. "There are," says that lively writer, "five or six persons in Europe who know Greek; those who know French are much fewer." Prudence, in particular as English is, we should expect it to be at least as correctly spoken as French, because the number of untraced philological facts, of exceptions to what are said to be general rules, of anomalous and conventional phrases, is greater in the latter than in the former; but the proportion of good speakers, or rather of good talkers, is certainly larger among the French than among the English or Americans. It is interesting to observe how much value has been attached to purity of dialect in some of the less known countries of Europe. The grand old Catalan chronicler, Ramon Muntaner, who wrote about the year 1325, himself no book-worm, but a veteran warrior, often concludes his eulogiums of his heroes with a compliment to the propriety and elegance with which they spoke his native tongue, and he gives an interesting account of the means by which two of the nobility arrived at such perfection of speech. "And this same Syr Corral Ilança became one of the sayrest menne in the world, and best langaged and wigest, insomuch that as at that tyme menne saide, the finest Cathalan in the world was hys and Syr Roger de Luria's, and no mervaille, for as yee have

harde before, they came ryght yonge into Cathalonye and were norsshed there, and in alle the good townes of Cathalonie and of the reume of Valence whatsoever seemed to them choyce and faire langage, they dyd their endeavoure to learne the same. And so eche of hem was a more purfyt Cathalomian than alle other, and spake the fayrest Cathalan."

§ 3 The systematic cultivation of the modern Continental languages began much earlier than that of English. They had generally advanced to a high degree of development, and acquired the characteristic grammatical features which now distinguish them, at a period when even the most polished of the English dialects was but a patois. Several of them indeed had produced original works in both poetry and prose, which still rank among the master-pieces of modern genius, before Anglo-Norman England had given birth to a single composition which yet maintains an acknowledged place in the literature of the nation. Although the Icelandic can hardly be called a modern language, yet it possesses, besides the poems and traditions of the heathen era, an original modern literature modified by the same general Christian influences which have coloured all the recent mental efforts of Europe. The twelfth and thirteenth centuries produced in that remote island poems of remarkable merit, and prose compositions which have no superiors in the narrative literature of any age. The 'Nibelungen Lied,' the great epic of Germany, dates probably as far back as the year twelve hundred. Castilian, Catalan, Provençal, and French genius had already embodied themselves in poetic forms, which determined the character of the subsequent literatures of those languages, before the close of the thirteenth century; and the commencement of the fourteenth was marked by the appearance of Dante's great work, which still stands almost alone in the poetry, not of Italy only, but of modern Europe.

§ 4. The later origin of English literature is to be ascribed partly to the fact that England, from its insular position, was less open to the exciting causes which roused to action the intellect of the Continent, but chiefly, no doubt, to the condition of the language itself. The tongues of Iceland, of Germany, of Italy, of Spain, and in a less degree of France also, were substantially homogeneous in their etymology and structure, and the separate dialects of each stock, Gothic and Romance, were closely enough allied to facilitate the study of all of them to those to whom any one was vernacular, and thus to secure to them a great reciprocal philological and literary influence. The countries to which they belonged were also territorially and politically more or less connected, and thus an unbroken chain of social and literary action and reaction extended from the Arctic Ocean to the Mediterranean.

English, on the contrary, was not only a composite speech, but

built up of very discordant ingredients, and spoken in an isolated locality. The British Islands had no relations of commerce or politics with any country but Northern and Western France, and the comparatively unimportant Netherland provinces. A longer period was naturally required for the assimilation of the constituents of the language, and for the action of the influences which, before that assimilation was completed, had already created the literatures of the Continental nations. In a country ruled by Norman princes, all governmental and aristocratic influences were unfavourable to the cultivation of the native speech, and the growth of a national literature.² The Romish church, too, in England, as everywhere else, was hostile to all intellectual effort which in any degree diverged from the path marked out by ecclesiastical habit and tradition, and very many important English benefices were held by foreign priests quite ignorant of the English tongue. Robert of Gloucester, who flourished about two hundred years after the Conquest, says.—

“Wyllam, þys noble duc, þo he adde ydo al þys,
 þen wey he nome to Londone he & al hys
 As kyng & prince of lond, wyþ nobleye ynou.
 Agen hym wyþ vayne processyon þat folc of town drou,
 And vnderuonge hym vayne ynou, as kyng of þys lond
 þus come lo! Engelond into Normannes honde,
 And þe Normans ne coupe speke þo bote her owe speche,
 And speke French as dude atom & here chyldren dude al so teche
 So þat heyemen of þys lond, þat of her blod come,
 Holdeþ alle þulke speche, þat hi of hem nome.
 Vor bote a man coupe French, me tolp of hym wel lute
 Ac lowe men holdeþ to Englyss, & to her kunde speche yute
 Ich wene þer ne be man in world contreyes none,
 þat ne holdeþ to her kunde speche, bote Engelond one,
 Ac wol me wot vorto conne bothe wel yt ys
 Vor þe more þat a man con, þe more worþ he ys.”*

And in the following century, as we learn from an old chronicler, “John Cornewaile, a maister of grammar, changed the lore in grammar scole, and construction, of Frenche into Englysche. so that now, the year of our Lord a thousand three hundred and 4 score and five, and of the seconde Kyng Richard after the conquest nyne, in alle the grammar scoles of Engelond children levethe Frensche, and construethe and lerneth on Englysche.”

Under such circumstances, it is by no means strange, that the progress of the language and literature of England should have been slow, and it is rather matter of surprise that the fourteenth century should have left such noble monuments of English genius, than that the literary memorials of that era should be so few. But, although the long reign of Edward III was as remarkable for the splendid first-

* Robert of Gloucester p. 364

fruits of a great national literature as for its political and martial triumphs and reverses, the language was not at that time sufficiently cleared of dialectic confusion, and sufficiently settled in its forms and syntax, to admit of grammatical and critical treatment, as a distinctly organized speech. While, therefore, the thirteenth century produced in Iceland a learned and complete treatise on the poetic art as suited to the genius of the Old-Northern tongue,* and Jacme March, a contemporary of Chaucer, had composed a Catalan vocabulary and dictionary of rhymes, with metrical precepts and examples, the English had not even a dictionary or grammar, still less critical treatises, until a much later period. It will be evident from all this, that the remains of the English speech, in its earliest forms, as a *literary* medium, must be relatively few, and that it is by no means easy to trace the progress of changes which ended in the substitution of our present piebald dialect for the comparatively homogeneous and consistent Saxon tongue. A language which exists, for centuries, only as the jargon of an unlettered peasantry and a despised race, will preserve but few memorials of its ages of humiliation, and the indifference with which English philology has been hitherto too generally regarded has suffered to perish, or still withholds from the public eye, a vast amount of material which might have been employed for the elucidation of many points of great historical, literary, and linguistic interest. Halliwell's Dictionary, containing more than fifty thousand archaic and provincial words and obsolete forms, is illustrated with citations drawn in the largest proportion from unpublished manuscript authorities, and it is evident from the titles of the works quoted and the character of the extracts, as well as from the testimony of scholars, that many of them must be of very great philological value †

* The prose Edda, or Edda of Snorri Sturluson

† Until very lately, the modernization of every reprint of an English classic was almost as much a settled practice as the adoption of a fashionable style of binding. Dryden, Pope, and Wordsworth have not scrupled to lay a profane hand upon Chaucer, a mightier genius than any of them, and Milton is not allowed to appear in the orthography which he deliberately and systematically employed. Archbishop Parker was so zealous for the preservation, or rather the restoration, of ancient forms, that he printed even the Latin of Asser's Life of Alfred in the Anglo-Saxon character. The Association which takes its name from Parker, in republishing the English theological writings of the sixteenth century, a series extending to more than fifty volumes, and which, unmutated, would have been invaluable as a treasure of genuine, primitive, nervous English, has clipped and restamped the whole in such a manner as to deprive these works of all their interest, except for professional theological inquirers, and very greatly to diminish their value even for them. The recently-discovered manuscript of the Earl of Devonshire's translation of Paley's *Treatise on the Benefits of Christ's Death* is evidently a copy made by an ignorant transcriber, and its orthography is extremely incorrect and variable. In preparing it for the press, it was, unfortunately, deemed expedient to reform the spelling, for the sake of making it more uniform and intelligible, as well as correct, and the task

✓ § 5. I have already stated my belief that a colloquial or grammatical knowledge of other tongues is not essential to the comprehension and use of our own, and, considered solely as a means to that end, without reference to the immense value of classical and modern Continental literature as the most powerful of all instruments of general culture, I have no doubt whatever that the study of the Greek and Latin languages might be advantageously replaced by that of the Anglo-Saxon and primitive English. An overwhelming proportion of the words which make up our daily speech is drawn from Anglo-Saxon roots, and our syntax is as distinctly and as generally to be traced to the same source. We are not then to regard the ancient English speech as in any sense a foreign tongue, but rather as an older form of our own, wherein we may find direct and clear explanation of many grammatical peculiarities of modern English, which the study of the Continental languages, ancient or modern, can but imperfectly elucidate. With reference to etymology, the importance of the Anglo-Saxon is too obvious to require argument. It is fair to admit, however, that the etymology of compound words, and of abstract and figurative terms, must in general be sought elsewhere, for we have borrowed our scientific, metaphysical, and æsthetical phraseology from other sources, while the vocabulary of our maternal life is almost wholly of native growth. In determining the signification of words, modern usage is as binding an authority as ancient practice, inasmuch as, at present, we know no ground but use for either the old meaning or the new; but a knowledge of the primitive sense of a word very often enables us to discover a force and fitness in its modern applications which we had never suspected before, and accordingly to employ it with greater propriety and appositeness. The most instructive and impressive etymologies are those which are pursued within the limits of our own tongue. The native word at every change of form and meaning exhibits new domestic relations, and suggests a hundred sources of collateral inquiry and illustration, while the foreign root connects itself with our philology only by remote and often doubtful

has been executed with great care, and in as good faith as the erroneous principle adopted would admit of. As a frontispiece, a fac-simile of one of the very small pages of the manuscript is given, containing eighteen lines, or about one hundred and twenty-five words. In printing the text of this page, the editor has omitted a comma in the seventh line, and thereby changed, or, at least, obscured, the meaning of a very important and very clear passage, which contained the marrow of the whole treatise. Of course, any departure from the letter in a weighty period, unless it is supposed to be a mere typographical accident, destroys the confidence of critical readers in the edition, and the book, in a grammatical point of view, becomes worthless. The manuscript in question is one of the most important recent acquisitions to the theology of the Reformation and the early literature of England, and the voluntary admission of any changes in its text shows a want of exact scholarship in a quarter where we had the best right to expect the latter.

analogies, and when it enters our language, it comes usually in a fixed form, and with a settled meaning, neither of which admits of further development, and of course the word has no longer a history.

The knowledge of Anglo-Saxon is important as a corrective of the philological errors into which we may be led by the study of early English, and especially of popular ballad and other poetry, without such a guide. The introduction of Norman French, with a multitude of words inflected in the weak or augmentative manner, naturally confused what was sufficiently intricate and uncertain before, namely, the strong inflexion, or that by the letter-change, in the Anglo-Saxon. The range of letter-change in Anglo-Saxon grammar was indeed wide, but not endless or arbitrary. It however became so, at least in the poetic dialect, as soon as Norman influence had taught English bards independence of the laws of Saxon grammar. Many of the barbarous forms so freely used in popular verse are neither obsolete conjugations revived, nor dialectic peculiarities, but creations of the rhymesters who employed them—can not uncurrent merely, but counterfeit, and without either the stamp or the ring of the genuine metal. The balladmongers of the fifteenth and sixteenth centuries concerned themselves as little about a vowel as the Orientals, and where the convenience of rhyme or metre required a heroic license, they needed only the consonants of one syllable of a genuine root as a stock whereon to grow any conceivable variety of termination. Although they did not hesitate to conjugate a weak verb with a strong inflexion, or to reverse the process, thus adding or subtracting syllables at pleasure, yet their boldest liberties were with the letter-change in the strong inflexion. We cannot indeed hold them guilty of corrupting

“ the language of the nation
With long-tailed words in -osity and -ation ;”

but we can fairly convict them of making it more desperately Gothic in its forms than even the Moeso-Gothic of Ulphilas.

The confusion into which the English inflexions were thus thrown combined with other circumstances to discourage the attempts of philologists to reduce its accidence to a regular system, and English scholars had shown very respectable ability in the elucidation of other tongues, before they produced any thing that could fairly be called a grammar of their own. Analogous causes had prevented the cultivation of native philology in Northern France, and though the *langue d’oc*, or Provençal, was early a matter of careful study the *langue d’oil*, the only French dialect known to the Norman race, possessed no grammar until it was provided with one by an Englishman.*

* The French Grammar of Palsgrave, to which I allude, prepared for the use
ENG LAN.

The function of grammar is to teach what is, not what ought to be, in language. English, as I have said, was too irregular, fluctuating, and incongruous in its accidence and syntax to be reduced to form and order until the close of the sixteenth century, and as its literature was of later origin than that of the Continent, there was not, before that period, a sufficient accumulation of classical authorship to serve as illustration and authority in grammatical discussion.

The same reasons which deterred early English scholars from laying down rules of grammatical inflexion, would render it impossible at the present day to construct a regular accidence of the forms of the language at any period before the writers of the Elizabethan age had established standards of conjugation, declension, orthography, and syntax. The English student therefore can expect little help from grammarians in mastering the literature of earlier periods, and he must learn the system of each great writer by observation of his practice. But the inflexions in English are so few, that the number of possible variations in their form is embraced within a very narrow range, and all their discrepancies together do not amount to so great a number as the regular changes in most other languages. With respect to the vocabulary, the difficulties are even less. Most good editions of old authors are provided with glossaries explaining the obsolete words, and, where these are wanting, the dictionaries of Nares, Halliwell, Wright, and others, amply supply the deficiency. In fact, a mere fraction of the time demanded to acquire the most superficial smattering of French or Italian will enable the student to obtain such a knowledge of Early English, that he can read with facility every thing written in the language, from the period when it assumed a distinct form to its complete development in the seventeenth century.

§ 6. Critical discussions of the literary merit of English authors would be foreign to the plan of the present course, and in noticing writers of different periods, I shall refer chiefly to their value as sources of philological instruction. First in time, and not least in importance, is the 'Ormulum,' a very good edition of which was published in 1852. This is a metrical paraphrase of a part of the New Testament, in a homiletic form, and it probably belongs to the early part of the thirteenth century. Its merit consists mainly in the purity of its Saxon-English, very few words of foreign origin occurring in it. The uniformity of its orthography, and the regularity

of the Princess Mary, sister of King Henry VIII, and printed in 1530, under the title of *Lesclarcissement de la Langue Francoyse*, is, under the circumstances, the most remarkable, if not the most important, work which had appeared in modern philology before the commencement of the present century. See Notes and Illustrations (A).

of its inflexions, are far greater than are to be found in the poetical compositions even of the best writers of the succeeding century. One reason of this is that the unrhymed versification adopted by the author relieved him from the necessity of varying the terminal syllables of his words for the sake of rhyme, which led to such anomalous inflexions in other poetical compositions, and it accordingly exhibits the language in the most perfect form of which it was then capable. In fact, the dialect of the 'Ormulum' is more easily mastered than that of 'Piers Ploughman,' which was written more than a century later, and it contains fewer words of unknown or doubtful signification. It is, moreover, especially interesting as a specimen of the character and inherent tendencies of the Anglo-Saxon language as affected by more advanced civilization and culture, but still uncorrupted by any considerable mixture of foreign ingredients; for we discover no traces of the Norman element in the vocabulary, and but few in the syntax of this remarkable work *. Piers Ploughman, on the contrary, employs Latin and French words in quite as large a proportion as Chaucer,† although the forms and syntax of the latter author are much nearer the modern standard. The compliment which Spenser bestows upon Chaucer's "well of English undefiled" is indeed well merited, if reference be had to the composite character that English assumed in the best ages of its literature, but it would be more fitly applied to the 'Ormulum,' as a repository of the indigenous vocabulary of the English tongue. In any event, no student of the works of Chaucer will dispute Spenser's opinion that

"In him the pure well-head of poesy did dwell,"

and it is no extravagant praise to say that the name of Chaucer is the first in English literature, until it was, not eclipsed, but surpassed by those of Shakespeare and Milton.

In the earliest ages of all literature, poetry seems to be little more than an artificial arrangement of the dialect of common life, but as literary culture advances, both the phraseology and the grammar of metrical compositions diverge from the vulgar speech, and poetry forms a vocabulary and a syntax of its own. Although, therefore, the practice of great poetical writers is authority for their successors, yet it is by no means trustworthy evidence as to the actual

* The vocabulary of the *Ormulum* consists of about twenty-three hundred words, exclusive of proper names and inflected forms. Among these I am unable to find a single word of Norman-French origin, and scarcely ten which were taken directly from the Latin. The whole number of words of foreign etymology previously introduced into Anglo-Saxon, which occur in the *Ormulum*, does not exceed sixty, though there is some uncertainty as to the origin of several words common to the Latin and the Gothic languages in the earliest stages in which these latter are known to us.—See Lecture VI

† See Lecture VI

character of the language employed by speakers or prose-writers and this is more emphatically true of the English than of most Continental languages, in consequence of the derangement of its flexional system, which I have already noticed.

The dialect of Chaucer doubtless approaches to the court language of his day, but the prose of Wycliffe is more nearly the familiar speech of the English heart in the reign of Edward III., and the pages of Holinshed more truly reflect the living language of Queen Elizabeth's time than the stanzas of Spenser.

§ 7. The English prose literature of the fifteenth century consists, in large proportion, of translations, and these always partake more or less of the colour of the sources from which they were borrowed. There is, in fact, so little native English of that period extant in a printed form, that it is not easy to determine how far the prevalence of Gallicisms in the translations printed by Caxton is to be ascribed to the influence of French originals upon the style of the translator, and how far it was a characteristic feature of the language of the time. The same remark applies, though with much less force, to Lord Berners' admirable translation of Froissart, the two volumes of which were published in 1523 and 1525 respectively; but this translation is doubtless the best English prose style which had yet appeared, and, as a specimen of picturesque narrative, it is excelled by no production of later periods. The dramatic character and familiar gossiping tone of the original allowed some license of translation, and the dialogistic style of the English of Lord Berners is as racy and nearly as idiomatic as the French of Froissart.

§ 8. Tyndale's translation of the New Testament is the most important philological monument of the first half of the sixteenth century, perhaps I should say of the whole period between Chaucer and Shakespeare, both as a historical relic, and as having more than any thing else contributed to shape and fix the sacred dialect, and establish the form which the Bible must permanently assume in an English dress. The best features of the translation of 1611 are derived from the version of Tyndale, and thus that remarkable work has exerted, directly and indirectly, a more powerful influence on the English language than any other single production between the ages of Richard II. and Queen Elizabeth.*

The most important remaining prose works of the sixteenth century are the writings of Sir Thomas More† (which, however, with all their excellence, are rather specimens of what the language, in its best estate, then was, than actually influential models of composition), and those of Hooker. These last, indeed, are not remarkable as originating new forms or combinations of words, but they

* See Lecture XXVIII.

† See Lecture VI.

embody nearly all the real improvements which had been made, and they may be considered as exhibiting a structure of English not equalled by the style of any earlier, and scarcely surpassed by that of any later writer.

§ 9. I shall reserve what I have to say upon the dialect of the authorized English version of the Bible for another occasion, and it would be superfluous to commend to the study of the inquirer such authors as Bacon, and Shakespeare, and Milton. There are, however, two or three classes of writers of the sixteenth and seventeenth-centuries, whose works are much less known than their philological importance deserves. First, are what we must call, in relation to Shakespeare, and only in relation to him, the *minor* dramatists of the period in question. They are valuable, not only as perhaps the best authorities upon the actual spoken dialect of their age, but as genuine expressions of the character and tendencies of contemporaneous English humanity, and also for the aid they afford in the illustration and elucidation of Shakespeare himself, whose splendour has so completely filled the horizon of his art, that those feeble lights can hardly yet be said to have enjoyed the benefit of a heliacal rising.

Next come the early English translators of the great monuments of Greek and Roman literature. The reigns of Elizabeth and James produced a large number of translations of classical authors, as for example the 'Lives' and the 'Morals' of Plutarch, the works of Seneca, the 'History' of Livy, the 'Natural History' of the Elder Pliny, and other voluminous works. These translations are naturally more or less tinged with un-English classical idioms, but the vast range of subjects discussed in them, especially in Plutarch and Pliny, demanded the employment of almost the entire native vocabulary, and we find in these works exemplifications of numerous words and phrases which scarcely occur at all in any other branch of the literature of that important period.

For the same reasons, the early voyagers and travellers, such as the voluminous collections of Hakluyt and Purchas, as well as the separately published works of this class, are very valuable sources of philological knowledge. Their vocabularies are very varied and extensive, and they are rendered especially attractive by the life and fervour which, at a period when all that was foreign to Europe was full of wonder and mystery, clothed in almost poetic forms the narratives of events, and descriptions of scenery and objects, now almost too familiar to excite a momentary curiosity. Hakluyt is perhaps to be preferred to Purchas, because he allows the narrators whose reports he collected to speak for themselves, and appears in general to follow the words of the original journals more closely than Purchas, who often abridges, or otherwise modifies, his authorities.

The theological productions of the period between the reigns of Elizabeth and Anne, however eloquent and powerful, are, simply as philological monuments, less important than the secular compositions of the same century, and they furnish not many examples of verbal form or combination which are not even more happily employed elsewhere. To these remarks, however, the works of Fuller are an exception. Among the writers of that age, Fuller and Sir Thomas Browne come nearest to Shakespeare and Milton in affluence of thought and wealth of poetic sentiment and imagery. They are both remarkable for a wide range of vocabulary, Fuller inclining to a Saxon, Browne to a Latinized diction, and their syntax is marked by the same peculiarities as their nomenclature.

§ 10. The interest which attaches to the literature of the eighteenth century is more properly of a critical and rhetorical than of a linguistic character, and, besides, in remarks which are rather intended to draw the attention of my hearers to unfamiliar than to every-day fields of study, it would be unprofitable to discuss the literary importance of Dryden, Pope, Swift, Addison, Johnson, Junius, Gibbon, and Burke.

✓✓ I must, for similar reasons, refrain from entering upon the literature of our own times, and I shall only refer to a single author, who has made himself conspicuous as, in certain particulars, an exceedingly exact and careful writer. In point of thorough knowledge of the meaning, and constant and scrupulous precision in the use, of individual words, I suppose Coleridge surpasses all other English writers, of whatever period. His works are of great philological value, because they compel the reader to a minute study of his nomenclature, and a nice discrimination between words which he employs in allied, but still distinct senses, and they contribute more powerfully than the works of any other English author to habituate the student to that close observation of the meaning of words which is essential to precision of thought and accuracy of speech. Few writers so often refer to the etymology of words, as a means of ascertaining, defining, or illustrating their meaning, while, at the same time, mere etymology was not sufficiently a passion with Coleridge to be likely to mislead him *

* Though Coleridge is a high authority with respect to the meaning of single words, his style is by no means an agreeable or even a scrupulously correct one, in point of structure and syntax. Among other minor matters, I shall notice hereafter (Lecture XXIX) his improper, or at least very questionable, use of the phrase *in respect of*, and I will here observe, that in opposition to the practice of almost every good writer from the Saxon period to his own, and to the rule given by Ben Jonson as well as all later grammarians, he employs the affirmative or after the negative alternative *neither*, as *neither this or that*. In this innovation, he has had few if any followers. Again, he uses *both*, not exclusively as a dual, but as embracing three or more objects. I am aware that it

this latter case he had the example of Ascham and some other early authors, but it is contrary to the etymological meaning of the word, and to the constant usage of the best English writers. I do not think that any of these departures from the established construction were accidental. They were attempts at arbitrary reform, and though the last of them may be defended on the ground that dual forms are purely grammatical subtleties, and ought to be discarded, they will all probably fail to secure general adoption in English syntax.

NOTES AND ILLUSTRATIONS.

A. EARLY ENGLISH GRAMMARS.

(See p. 82.)

Palsgrave's French Grammar mentioned in the text was designed only to teach French grammar, yet, as it is written in English, and constantly illustrates the *former tongue* by comparison with the latter, it is hardly a less valuable source of instruction with reference to the native than to the foreign language. In the careful reprint lately executed at the expense of the French Government, it makes a large quarto of 900 pp., more than half of which is occupied with comparative tables of words and phrases, so that while it is a remarkably complete French grammar, it is much the fullest English dictionary which existed before the time of Elizabeth. It is also one of the amplest collections of English phrases and syntactical combinations which can be found at the present day, and at the same time the best authority now extant for the pronunciation used in French, and, so far as it goes, in English also, at the period when it was written.

One of the earliest English grammars which can lay claim to scientific merit is the brief compend drawn up by Ben Jonson, and published some time after the death of the author. It is too meagre to convey much positive instruction, but it exhibits enough of philological insight to excite serious regret for the loss of Jonson's complete work, the manuscript of which was destroyed by fire. This little treatise throws a good deal of light on the orthoepy of English at that period, for the learning and the habitual occupations of Jonson make it authoritative on this point, so far as it goes, but there are statements concerning the accent, which are not supported by the general usage of the best authors, either of Jonson's own time, or of any preceding age of English literature. For instance, he

lays down the rule that nouns in *s*, *sh*, *g*, and *ch*, make the possessive singular in *is*, and the plural in *es*, and as an example he cites the word *prince* (which, by the way, does not end in either of the terminations enumerated by him), and says the possessive case is *princis*, the plural *princes*. That individual instances of this orthography may be met with, I do not deny, but it is certain that it never was the general usage, and Jonson was doubtless suggesting a theory, not declaring a fact, and he introduces the rule rather as furnishing an explanation of what he calls the "monstrous syntax," of using the pronoun *his* as the sign of the possessive case, than as a guide to actual practice.

It is curious that Palsgrave lays down the same rule, though he elsewhere contradicts it, and in practice disregards it. "Also where as we seme to have a genityve case, for so moche as, by adding of *is* to a substantiye, we signifye possession, as, my maisters gowne, my ladyis boke, which with us contravailleth as moche as the gowne of my maister, the boke of my ladye," &c. (Introd., xl.)

But on page 191, he says

"Where we, in our tonge, use to putte *s* to oure substantiyes when we wyll express possession, saving, 'a mannesgowne, a woman [*s*] hose,' &c., &c., and afterwards, 'this is my maisters gowne, he dyd fette his maisters cloke.'" A similar passage occurs on page 141, and I have not observed a single instance where Palsgrave himself makes the possessive in *is*, except that above quoted from page xl., where it is used by way of exemplifying the rule as he states it.

Alexander Gill's remarkable *Logonomia Anglica* is interesting rather in an orthoepical, than in a grammatical point of view, and it will be particularly noticed in a Lecture on orthoepical changes in English (Lecture XXII.)

LECTURE VI.

SOURCES AND COMPOSITION OF ENGLISH.

§ 1. Sources of the English vocabulary. § 2. Etymological Proportions of English. § 3. Examples from vocabularies of authors: preponderance of Anglo-Saxon element. § 4. Increasing importance of Anglo-Saxon element. § 5. Vocabulary of Milton and Shakespeare. § 6. Influence of subject in choice of words. § 7. Causes of the adoption of foreign words. § 8. Reciprocal influence of the Anglo-Saxon and Latin. § 9. Portuguese words in English. § 10. Other foreign words in English. § 11. Diffusion of words.

§ 1. THERE are two modes of estimating the relative amount of words derived from different sources in a given language. The one is to compute the etymological proportions of the entire vocabulary, as exhibited in the fullest dictionaries; the other, to observe the proportions in which words of indigenous and of foreign origin respectively occur in actual speech and in written literature. Both modes of computation must be employed in order to arrive at a just appreciation of the vocabulary; but, for ordinary purposes, the latter method is the most important, because words tend to carry their native syntax with them, and grammatical structure usually accords more nearly with that of the source from which the mass of the words in daily use is taken, than with the idiom of languages whose contributions to the speech are fewer in number and of rarer occurrence. Besides this, all dictionaries contain many words which are employed only in special or exceptional cases, and which may be regarded as foreign denizens not yet entitled to the rights of full citizenship. At the same time, the method in question is a very difficult mode of estimation, because, not to speak of the peculiar diction of individual writers, every subject, every profession, and, to some extent, every locality, has its own nomenclature, and it is often impossible to decide how far those special vocabularies can claim to form a part of the general stock.

Upon the whole, we may say that English, as understood and employed by the great majority of those who speak it, or, in other words, that portion of the language which is not restricted to particular callings or places, but is common to all intelligent natives, is derived from the Anglo-Saxon, the Latin, and the French. Neither its vocabulary nor its structure possesses any important

characteristic features * which may not be traced directly to one of these sources, although the number of individual words which we have borrowed from other quarters is still very considerable.

§ 2 Dean Trench makes this general estimate of the relative proportions between the different elements of English: "Suppose the English language to be divided into a hundred parts, of these, to make a rough distribution, sixty would be Saxon, thirty would be Latin (including of course the Latin which has come to us through the French), five would be Greek, we should then have assigned ninety-five parts, leaving the other five, perhaps too large a residue, to be divided among all the other languages from which we have adopted isolated words." This estimate, of course, applies to the total vocabulary, as contained in the completest dictionaries. Sharon Turner gives extracts from fifteen classical English authors, beginning with Shakespeare and ending with Johnson, for the purpose of comparing the proportion of Saxon words used by these authors respectively. These extracts have often been made a basis for estimates of the proportion of English words in actual use derived from foreign sources, but they are by no means sufficiently extensive to furnish a safe criterion. The extracts consist of only a period or two from each author, and few of them extend beyond a hundred words; none of them, I believe, beyond a hundred and fifty. The results deduced from them are, as would be naturally supposed, erroneous, but, such as they are, they have been too generally adopted to be passed without notice, and they are given in a note at the foot of the page † In order to arrive at satisfactory

* This general statement must be qualified by the admission that certain grammatical forms adopted in Northern England from the Danish colonists passed into the literary dialect, and finally became established modes of speech in English (See Lecture II, by the Editor)

† The most convenient and intelligible method of stating the results is by the numerical percentage of words from different sources in the extracts referred to in the text; according to these,—

— Shakespeare uses 85 per cent. of Anglo-Saxon, 15 of other words.

—Milton	81	"	"	19	"
—Cowley	89	"	"	11	"
—English Bible	97	"	"	3	"
—Thomson	85	"	"	15	"
—Addison	83	"	"	17	"
—Spenser	81	"	"	19	"
—Locke	80	"	"	20	"
—Pope	76	"	"	24	"
—Young	79	"	"	21	"
—Swift	89	"	"	11	"
—Robertson	68	"	"	32	"
—Hume	65	"	"	35	"
—Gibbon	58	"	"	42	"
—Johnson	75	"	"	25	"

A comparison

conclusions on this point, more thorough and extensive research is necessary. I have subjected much longer extracts from several authors to a critical examination, and the results I am about to state are in all cases founded, not upon average estimates from the comparison of scattered passages, but upon actual enumeration.* In writers whose style is nearly uniform, I have endeavoured to select characteristic portions as a basis for computation; in others, whose range of subject and variety of expression is wide, I have compared their different styles with reference to the effect produced upon them by difference of matter and of purpose. I have been able to examine the total vocabularies only of the 'Ormulum,' the English Bible, Shakespeare, and the poetical works of Milton, because these are the only English books to which I can find complete verbal indexes. In these instances, the comparison of the entire stock of words possessed, and the proportions habitually used by the writers, is full of interest and instruction, and I regret that leisure and means were not afforded for making similar inquiries respecting the vocabularies of a larger number of eminent authors near our own time. In all cases, proper names are excluded from

A comparison of these results, derived from single paragraphs containing from sixty or seventy to a hundred and fifty words, with those which I have deduced from the examination of different passages from the same and other authors, each extending to several thousand words, will show that conclusions based on data so insignificant in amount as those given by Turner, are entitled to no confidence whatever. The extract from Swift contains ninety words, ten of which, or eleven per cent, Turner marks as foreign, leaving eighty-nine per cent of Anglo-Saxon. Now this is a *picked* sentence, for in the *John Bull*, as thoroughly English a performance as any of Swift's works, the foreign words are in the proportion of at least fifteen per cent; in his *History of the Four Last Years of Queen Anne*, twenty-eight per cent, in his *Political Lying*, more than thirty per cent.; and in this latter work, many passages of considerable length may be found, where the words of foreign etymology amount to forty per cent. On the other hand, Ruskin, in his theoretical discussions, often employs twenty-five or even thirty per cent. of Latin derivatives, but in the first six periods of the sixth exercise in his *Elements of Drawing*, containing one hundred and eight words, all but *two*, namely, *pale* and *practice*, are Anglo-Saxon. My own comparisons, though embracing more than two hundred times the quantity of literary material examined by Turner, are still insufficient in variety and amount to establish any more precise conclusion than the general one stated in a following page, that the authors of the present day use more Anglo-Saxon words, in proportion to the whole number known to educated men, than writers of corresponding eminence in the last century

* I have made no attempt to determine the etymological proportions of our entire verbal stock, because I believe no dictionary contains more than two-thirds, or at most three-fourths, of the words which make up the English language. Dictionaries are made from books, and for readers of books, and they all omit a vast array of words, chiefly Saxon, which belong to the arts and to the humbler fields of life, and which have not yet found their way into literary circles.

the estimates, but in computing the etymological proportions of the words used in the extracts examined, all other words, of whatever grammatical class, and all repetitions of the same words, are counted. Thus, in the passage extending from the end of the period in verse 362 of the sixth book of 'Paradise Lost' to the end of the period in verse 372, there are seventy-two words. Eight of these are proper names and are rejected, but all the other words are counted, though several of them are repetitions of particles and pronouns. In the comparison of the *total vocabularies*, every part of speech is counted as a distinct word, but all the inflected forms of a given verb or adjective are treated as composing a single word. Thus, *safe, safely, safety*, and *save*, I make four words, but *safe, saved, and saving*, one, as also *safe, safer, safest*, one.

I have made no attempt to assign words not of Anglo-Saxon origin to their respective sources, but it may be assumed in general that Greek words, excepting the modern scientific compounds, have come to us through the Latin, and both in this case and where they have been formed directly from Greek roots, their orthography is usually conformed to the Latin standard for similar words. Words of original Latin etymology have been, as will be more fully shown in a future lecture, in the great majority of instances, borrowed by us from the French, and are still used in forms more in accordance with the French than with the Latin orthography. The proportion, five per cent, allowed by Trench to Greek words, I think too great, as is also that for other miscellaneous etymologies, unless we follow the Celtic school in referring to a Celtic origin all roots common to that and the Gothic dialects.

Taking the authors I have examined chronologically, I find, with respect to their *total vocabularies*, that in that of the 'Ormulum,' which, in opposition to the opinion of most philologists, I consider English rather than semi-Saxon, though written probably not far from the year 1225, nearly ninety-seven per cent of the words are Anglo-Saxon*. In the vocabulary of the English Bible, sixty per cent are native, in that of Shakespeare the proportion is very nearly the same, while of the stock of words employed in the poetical works of Milton, less than thirty-three per cent. are Anglo-Saxon.

* With the exception of a very few Latin terms, such as *quadriga, vipera*, &c., I have observed in the *Ormulum* no word of foreign etymology which had not been employed by Anglo-Saxon writers, and thus naturalized, while Anglo-Saxon was still a living speech. There is a considerable class of Saxon words, some of them very important with reference to the question of the moral culture of the people, the source and etymology of which it is difficult to determine. *Law* and *Right* are examples. See Notes and Illustrations, *Etymology of 'Law' and 'Right'*.

§ 3. But when we examine the proportions in which authors actually employ the words at their command, we find that, even in those whose total vocabulary embraces the greatest number of Latin and other foreign vocables, the Anglo-Saxon still largely predominates. Thus:—

Robert of Gloucester, Narrative of Conquest, pp 354, 364, employs			
of Anglo-Saxon words	96	per cent.	
Piers Ploughman, Introduction, entire	88	"	
" Passus Decimus-Quartus, entire	84	"	
" Passus Decimus-Nonus and Vicesimus, entire ..	89	"	
" Creed, entire	94	"	
Chaucer, Prologue to Canterbury Tales, first 420 verses*	88	"	
" Nonnes Preestes Tale, entire	93	"	
" Squiers Tale, entire	91	"	
" Prose Tale of Melibeus, in about 3000 words ..	89	"	
Sir Thomas More, Coronation of Richard III., &c.,† seven folio			
pages	84	"	
Spenser, Faerie Queene, book ii. canto vii.	86	"	
New Testament —			
John's Gospel, chaps i iv. xvii.	96	"	
Matthew, chaps vii. xvii. xviii	93	"	
Luke, chaps v. xii. xxiii	92	"	
Romans, chaps. ii. vii. xi. xv.	90	"	

* For the purpose of determining more satisfactorily the true character of the diction of Langland and of Chaucer, I have counted both the different words of foreign derivation, and the repetitions of them, in the *Passus Decimus-Quartus* of Piers Ploughman, and in an equal amount of the Prologue to the *Canterbury Tales*. Exclusive of quotations and proper names, the *Passus Decimus-Quartus* contains somewhat less than 3200 words. Of these, including repetitions, 500, or sixteen per cent., are of Latin or French origin, and as there are about 180 repetitions, the number of *different* foreign words is about 320, or ten per cent. In the first 420 verses of the Prologue to the *Canterbury Tales*, the number of words is the same, or about 3200, of which, including repetitions, about 370, or rather less than twelve per cent., are Romance. The repetitions are but 70, and there remain 300, or rather more than nine per cent., of *different* foreign words. In either point of view, then, Chaucer's vocabulary is more purely Anglo-Saxon than that of Langland. It must be remembered, however, that there are few Romance words in *Piers Ploughman* which are not found in other English writers of as early a date, while Chaucer has many which occur for the first time in his verses, and were doubtless introduced by him.

† Ellis (preface to reprint of Hardyng) doubts whether the Life of Richard III., commonly ascribed to Sir T. More, was really written by him, but Ascham treats it as his, and in the edition of More's works prepared by his nephew, and printed in 1557, the preliminary note to the Life of Richard states expressly that it was composed by Sir Thomas about the year 1513, when he was sheriff of London, and that it is now printed from "a copie of his own hand." The internal evidence is, indeed, with Ellis, for, in point of style, this work is much superior to any of More's undisputed productions, and in fact, deserves the high praise which Hallam has bestowed upon it. Still, I think there is hardly sufficient ground for denying the authorship to More, and I have selected it as the best example of original English of that period.

✓ Shakespeare, Henry IV., part 1, act II.	.. .. .	91 per cent.
" Othello, act V.	.. .. .	89 "
" Tempest, act I.	.. .. .	88 "
✓ Milton, L'Allegro	.. .. .	90 "
" Il Penseroso	.. .. .	83 "
" Paradise Lost, book VI.	.. .. .	80 "
Addison, several numbers of Spectator	.. .. .	82 "
Pope, First Epistle, and Essay on Man	.. .. .	80 "
Swift, Political Lying	.. .. .	68 "
" John Bull, several chapters	.. .. .	85 "
" Four Last Years of Queen Anne, to end of sketch of Lord Cowper	.. .. .	72 "
Johnson, preface to Dictionary, entire	.. .. .	72 "
Junius, Letters XII and XIII	.. .. .	76 "
✓ Hume, History of England, general sketch of Commonwealth, forming conclusion of chap. IX	.. .. .	73 "
Gibbon, Decline and Fall, vol. I. chap. VII	.. .. .	70 "
Webster, Second Speech on Foot's Resolution, entire*	.. .. .	75 "
Irving, Stout Gentleman	.. .. .	85 "
" Westminster Abbey	.. .. .	77 "
Macaulay, Essay on Lord Bacon	.. .. .	75 "
Channing, Essay on Milton	.. .. .	75 "
Cobbett, on Indian Corn, chap. XI	.. .. .	80 "
Prescott, Philip II., book I. chap. IX	.. .. .	77 "
Bancroft, History, vol. VII., Battle of Bunker Hill	.. .. .	78 "
Bryant, Death of the Flower	.. .. .	92 "
" Thanatopsis	.. .. .	84 "
Mrs. Browning, Cry of the Children	.. .. .	92 "
" Crowned and Buried	.. .. .	83 "
" Lost Bower	.. .. .	77 "
Robert Browning, Blougram's Apology	.. .. .	84 "
Everett, Eulogy on J. Q. Adams, last twenty pages	.. .. .	76 "
Ticknor, History of Spanish Literature, Period II., chap. I.	.. .. .	73 "
✓ Tennyson, The Lotus Eaters	.. .. .	87 "
" In Memoriam, first twenty poems	.. .. .	89 "
Ruskin, Modern Painters, vol. II., part. III., sec. II., chap. V. Of the Superhuman Ideal	.. .. .	73 "
" Elements of Drawing, first six exercises	.. .. .	84 "
Longfellow, Miles Standish, entire	.. .. .	87 "
Martineau, Endeavours after the Christian Life, Third Discourse.	.. .. .	74 "

§ 4. The most interesting result of these comparisons, perhaps the only one which they can be said to establish, is the fact, that the best writers of the present day habitually employ, in both poetry and

* The apparently large proportion of words of Latin origin in this great speech, popularly known as the Reply to Hayne, is chiefly due to the frequent recurrence of "Congress," "constitution," and other technical terms of American political law. Wherever it was not necessary to employ these expressions, the style is much more Saxon. Thus, in the eulogy on Massachusetts, containing more than two hundred words, eighty-four per cent. are native, and in the peroration, beginning "God grant," &c., the Anglo-Saxon words are in the proportion of eighty per cent.

prose, a larger proportion of Anglo-Saxon words than the best writers of the last century. This conclusion is not deduced alone from the numerical computations just given, for, in estimating the relative prominence of a particular element in the vocabulary, we must take into view the whole extent of that vocabulary. Now, in this latter particular, there has been a great change since the time of Johnson, for, while the number of Saxon words remains the same, there has been, within a hundred years, a large increase of terms of alien origin. Some older native words, it is true, have been revived, but these are not numerous. On the other hand, scarcely a word that Johnson and his contemporaries would have used has become obsolete, while the necessities of art, science, commerce, and industry, have introduced many thousands of Latin, French, and other foreign terms. Hence, with respect to vocabulary, the writers of this generation are naturally, and almost necessarily, in the position in which Milton was exceptionally and artificially. The stock of words they possess contains more Latin than Saxon elements, the dialect in which they accustom themselves to think and write is, in much the largest proportion, home-born English. This recognition of the superior force and fitness of a Saxon phraseology, for all purposes where it can be employed at all, is the most encouraging of existing indications with respect to the tendencies of our mother-tongue, as a medium of literary effort.

Had words of Latin and French etymology been proportionally as numerous in the time of Johnson and of Gibbon as they now are, those authors, instead of employing twenty-eight or thirty per cent. of such words, would scarcely have contented themselves with less than fifty. And had either of them attempted the æsthetical theories so eloquently discussed by Ruskin, with the knowledge and the stock of words possessed by that masterly writer, their Saxon would have been confined to particles, pronouns, and auxiliaries, the mere wheel-work of syntactical movement.

Johnson thought that "if the terms of natural knowledge were extracted from Bacon, the phrases of policy, war, and navigation from Raleigh, and the diction of common life from Shakespeare, few ideas would be lost to mankind, for want of English words in which they might be expressed." At present, the works of Bacon hardly furnish terms for the precise enunciation of any one truth of physical science; nor would any English writer now think it possible to narrate the history of a political revolution, to discuss the principles of modern government, or of political economy, to detail the events of a campaign or a voyage, or to describe a battle, in the words of Raleigh. Besides all this, the diffusion of knowledge, and of material appliances and comforts, has made the dialects of all the sciences more or less a part of the "diction of common life," and therefore we can no longer

converse, even on fire-side topics, altogether in the language of Shakespeare. I do not think it at all extravagant to say that the number of authorized English words, the great mass of which is understood, if not actually used, by all intelligent persons, is larger, by at least one-fifth, than it was in the middle of the eighteenth century, and this great accretion of familiar vocables consists almost wholly of imported terms. Yet if we compare the usual proportion of Anglo-Saxon words employed by good writers of that epoch and of this with the whole vocabularies known to them respectively, we shall find the relative prominence of the Anglo-Saxon much greater in our own time; for though we know numerically more foreign words, we actually use proportionally fewer in literary composition.

§ 5 The relation between Milton's entire verbal resources and his habitual economy in the use of them, is most remarkable. Some words of Greek and Latin origin, indeed, such as *air, angel, force, glory, grace, just, mortal, move, nature, part, peace, &c.*, occur very often, but most of the foreign words employed by him are found in but a single passage, whereas the Saxon words are very many times repeated. Nor is the predominance of such to be ascribed to the number of particles or other small words, for of these Milton is very sparing, and if we translate almost any period in 'Paradise Lost' into Latin, we shall find the difference between the number of determinative words in the original and the translation by no means large. All this is true, though in a less degree, of Shakespeare; and as illustrating the infrequency of Latin words, now common, in his works, I may observe that *abrupt, ambiguous, artless, congratulate, improbable, improper, improve, impure, inconvenient, incredible*, are all ἀπαξ λεγόμενα, once used words, with the great dramatist.

§ 6. In comparing the linguistic elements which enter into the dialect of literature as employed by different writers, I think the influence of subject and purpose upon the choice of words has not been sufficiently considered. We find that the vocabulary of the same writer varies very much in its etymological ingredients, according to the matter he handles and the aims he proposes to himself. This appears very manifestly from a comparison of the specimens selected for the foregoing computations from the New Testament and from Milton, and not less remarkably in those from Swift, Irving, and Ruskin. The following passages from Irving, in which the words of foreign origin are printed in italics, may serve as illustrations.

From the Stout Gentleman, in 'Bracebridge-Hall':—

"In one corner was a *stagnant* pool of water surrounding an island* of muck, there were several half-drowned fowls crouded

* *Island* is one of those English words where a mistaken etymology has led

together under a cart, among which was a *miserable crest-fallen* cock, drenched out of all life and *spirit*; his drooping tail matted, as it were, into a *single* feather, along which the water trickled from his back; near the cart was a half-dozing cow, chewing the cud, and standing *patiently* to be rained on, with wreaths of *vapour* rising from her reeking hide; a wall-eyed horse, tired of the loneliness of the *stable*, was poking his *spectral* head out of a window, with the rain dripping on it from the eaves; an unhappy cur, *chained* to a dog-house hard by, uttered something every now and then between a bark and a yelp; a drab of a kitchen-wench trampled backwards and forwards through the yard in *pattens*, looking as sulky as the weather itself; every thing, in short, was *comfortless* and forlorn, *excepting* a crew of hard-drinking ducks, *assembled* like *boon companions* round a puddle, and making a *riotous* noise over their *liquor*."

From Westminster Abbey, in 'The Sketch Book :—

"It was the *tomb* of a *crusader*; of one of those *military enthusiasts*, who so *strangely* mingled *religion* and *romance*, and whose *exploits* form the *connecting* link between *fact* and *fiction*, between the *history* and the *fairy tale*. There is something *extremely picturesque* in the tombs of these *adventurers*, *decorated* as they are with *rude armorial* bearings and *Gothic sculpture*. They *comport* with the *antiquated chapels* in which they are *generally* found; and in *considering* them, the *imagination* is *apt* to kindle with the *legendary associations*, the *romantic fiction*, the *chivalrous pomp* and *pageantry* which *poetry* has spread over the wars for the *sepulchre* of *Christ*."

In the first of these extracts, out of one hundred and eighty-nine words, all but twenty-two are probably native, the proportions being respectively eighty-nine and eleven per cent.; in the second, consisting of one hundred and six words, we find no less than forty aliens, which is proportionally more than three times as many as in the first.

§ 7. The causes which have led to the adoption of so large a proportion of foreign words, and at the same time produced such important

to a corrupt orthography. *Isle* may possibly be the French *île*, anciently spelt *isle*, from the Latin *insula*, but the fact that Robert of Gloucester and other early English writers wrote *ile* or *yle*, at a time when the only French orthography was *isle*, is a strong argument against this derivation. It is more probably a contraction of *iland*, the Anglo-Saxon *ealand*, *ealand*, *igland*, and the *s* was inserted in both, because, when Saxon was forgotten, the words were thought to have come through the French from the Latin *insula*, in which the *s* is probably radical. Mr. Kipstein refers the *s* in *island* to the genitive in *s* of the Anglo-Saxon *eá* or *íé*, but this would be an unusual form of composition, and I do not know that *eásland* occurs in Anglo-Saxon.

modifications in the signification of many terms originally English are very various. The most obvious of these are the early Christianization of the English nation, a circumstance not always sufficiently considered in the study of our linguistic history, the Norman Conquest, the Crusades, and especially the mechanical industry and commercial enterprise of the British people, the former of which has compelled them to seek both the material for industrial elaboration, and a vent for their manufactures, in the markets of the whole earth, the latter has made them the common carriers and brokers of the world. With so many points of external contact, so many conduits for the reception of every species of foreign influence, it would imply a great power of repulsion and resistance in the English tongue if it had not become eminently composite in its substance and in its organization. In fact, it has so completely adapted itself to the uses and wants of Christian society, as exemplified by the Anglo-Saxon race in the highest forms to which associate life has anywhere attained, that it well deserves to be considered the model speech of modern humanity, nearly achieving in language the realization of that great ideal which wise men are everywhere seeking to make the fundamental law of political organization, the union of freedom, stability, and progress.

§ 8 It is a question of much interest how far the different constituents of English have influenced each other, or in other words, how far each class of them has impressed its own formal characteristics upon those derived from a different source. Let us take the reciprocal influence of the Anglo-Saxon and the Latin. We shall find it a general rule, that where the English word is made up of a Latin root with new terminal syllables, or suffixes, which modify the signification of the word or determine the grammatical class to which it belongs, those syllables are Saxon, while instances of Saxon radicals with Latin terminations are comparatively rare. With respect to prefixes, however, which, with the root, usually constitute compounds, not derivatives, the case is otherwise, and we have generally employed Latin prefixes with Latin roots,* seldom or never Latin prepositions with Saxon roots. We have indeed taken most of our Latin words entire in some derivative shape, as they were

* The Saxon inseparable privative *un-* is an exception, a majority of our words beginning with this prefix being of Romance origin. At present, we incline to harmonize our etymology by substituting the Latin *in-* for the native particle, in words of foreign extraction. For example, incapable is now exclusively used for the older *un-capable*.

Palsgrave in his list of verbs, p. 650, gives us *I outcept* for *I except*, but I have not met with this anomalous compound elsewhere, though *outtake* for *except* is very common in Early English.

formed and employed by the Latins themselves, or the French after them, and thus the two great classes remain distinct in form, each following its own original law; but nevertheless, if there is a change, the Latin yields. The Saxon roots with Latin passive terminations are chiefly adjectives like *eatable*, *bearable*, *readable*, to a few of which custom has reconciled us; but many words of this class employed by old writers, such as *doable*, are obsolete, and the ear revolts at once at a new application of this ending; whereas we accept, without scruple, Latin and French roots with a Saxon termination.* *Motionless*, *painful*, *painless*, *joyful*, *joyless*, and even *ceaseless*, almost the only instance of the use of the privative ending with a verbal root, † offend no Englishman's sense of congruity; nor do we hesitate to extend the process, and to say *joyless-ness*, and the like. Foreign verbs we conjugate according to the Saxon weak form, but I remember scarcely an instance of the application of the strong conjugation, with the letter-change, to a Romance root ‡ We compare foreign adjectives after the Saxon fashion, by the addition of the syllables *-er* and *-est*, except that recently, in conformity to a rule which has no foundation in good taste or in the practice of the best writers, we have, in poly-

* There is a Saxon noun, of rare occurrence, *ábal*, signifying *ability*, to which this termination might be referred. Did we not find in Icelandic a corresponding root, *abl* or *afl*, which exists in too many forms to be otherwise than indigenous, I should suspect *ábal* to be itself derived from the Latin adjective *habilis*. The historical evidence is in favour of deriving our adjectival ending in *-ble* from the Latin *-abilis*, *-ibilis*, through the French *-able*, *-ible*. In Early English, this termination had by no means a uniformly passive force, and it formerly ended many words where we have now replaced it by *-al* and *-ful*. Thus, in Holland's *Pliny*, *medicinable* is always used instead of *medicinal*, Fisher, in his 'Sermon had at the Moneth Minde of the noble Prynces Margarete, countesse of Richmonde and Darbye,' has *vengeable* for *vengeful*, and Hooker (*Discourse of Justification*) has *powerable* for *powerful*. Similar forms often occur in Shakespeare. We still say *delectable* for *delightful*, but this is going out of use. *Impeccable*, however, maintains its ground among theologians, and *comfortable* is too strongly rooted to be disturbed.

This ending not unfrequently made the adjective a sort of gerundial, and hence "it is considerable," in the literature of the seventeenth century, generally meant "it is to be considered." The adjective *reliable*, in the sense of *worthy of confidence*, is altogether undiomatic. The termination in *-ible* is rather more uncertain in its force than that in *-able*. Milton's use of *visible* in *Paradise Lost*, l. 63, is remarkable. "Darkness *visible*" is not darkness as itself an object of vision, a mere curtain of black impenetrable cloud, but it is a sable gloom, through which, in spite of its profound obscurity, the fearful things it shrouded were supernaturally "visible."

† Gower (Pauli's edition, ii. 211, 214) uses *haveless*, but I do not know that this word is found elsewhere. *Tireless* and *resistless* occur in good writers.

‡ The participial adjective *distraught* from *distract* is a case of this sort, and Spenser (*Faerie Queene*, b. i. c. vi. st. 43) has *raile* for *rolled*, the preterite of *roll*, but there is some doubt whether *roll* is not of Anglo-Saxon, or at least Gothic parentage.

syllables, almost exclusively employed the comparison by *more* and *most*. The rule I speak of probably originated in a sense of incongruity in the adaptation of the Saxon form of comparison to adjectives borrowed from the French, and ending, as modified by English orthoepy, in *-ous*. The adjectives with this ending have all two, perhaps most of them three, syllables, and thus a repugnance, which at first belonged only to the termination, was gradually extended to native words resembling the French adjectives in the number of their syllables. Ascham writes *inventivest*, Bacon *honourablest*, and *ancientest*, Fuller *eminentest*, *eloquentest*, *learnedest*, *solemnest*, *famousst*, *virtuousst*, with the comparative and superlative adverbs *wiseliest*, *easilier*, *hardliest*, Sidney even *repiningest*, Coleridge *safeliest*, and similar forms occur abundantly in Shakespeare. In fact, the rule never was adopted by thoroughly English authors, and is happily little observed by the best usage of the present day *

§ 9. Considering the prominent political and commercial position of Spain in the sixteenth century, the importance of her literature, and the extent to which it was then cultivated in England, it is surprising that so few English words can be referred to a Spanish origin. Sidney, and other writers of that day, who imitated the poetic forms of Spain, borrowed nothing from her vocabulary, and even the dialect of navigation and commerce has adopted few Spanish words which were not originally either Arabic or American. *Cargo* and *embargo* are certainly Spanish, *trade* and *traffic* probably so, but these stand almost alone in our vocabulary. We owe, in fact, more to Portuguese than to Spanish etymology, and it is remarkable, that many words, now current almost all over Europe, and popularly supposed to be of African or East Indian derivation, are really native Portuguese. Thus, *fetishism* or *feticism*, the low idolatry and sorcery of Western Africa, now so commonly used in all parts of Europe to signify

* Even the names of the cardinal points were formerly sometimes compared by the augmentative method. Thus, in the curiously minute account of the comet of the eleventh year of Edward IV in Warkworth's Chronicle, printed by the Cam. Soc., it is said: " . . . and it arose *ester* and *ester*, till it arce full este, and rather and rather " (p 22)

Gil lays down these rules for the comparison of adjectives —

"Per er et est non comparantur verba activa in *ing*; ut *luring* amans; nec passiva, ut *lured* amatus, *taught* doctus; uti nec composita cum *abl*, *ful*, *les*, *lyk*,, neque etiam illa quæ per *ic*, (*-ice*), *ish*, et multa quæ per *ly*, (*-ly*), aut *us* Huc etiam refer materialia, ut *gôlân* aureus, *stôn* lapideus; item quæ tempus significant et ordinem; ut *winty* hibernus, *second*, *third*. Et quamvis aliquando audias *stônner*, aut *fâmuser*, tamen pro libertate loquendi tolerabilis erit sermo, potius quam laudabilis scriptura. Per signa tamen omnia ferè quæ diximus comparantur; ut *môr luring*, *môst luring*, &c."

ALEX. GIL, *Logon Ang* 1621, p. 35

It will be observed that with Gil the mode of comparison depended on the *ending*, not the *length* of the adjective.

the most debased and superstitious material worship, and generally thought to be an African word, is only the Portuguese feitico, sorcery or witchcraft, which is probably derived from the Latin fascinum, or, as some think, from veneficium; coco, the well-known name of the nut of a palm, and of the tree that produces it (usually spelled erroneously cocoa, from a confusion with cacao, a totally different vegetable),* is the Portuguese word for bugbear, and, according to De Barros, the great historian of his country's oriental conquests, the name was applied to the nut from its rude resemblance to a distorted human face, or a mask used by nurses to frighten children; † palaver, a council of African chiefs, is the Portuguese palavra, word, talk; commodore, derived by our dictionaries from the Spanish comendador, which is of altogether another signification, is a corruption of the Portuguese capitão mor, or chief-captain, a phrase precisely equivalent in meaning to our own term. Caste, as a designation of social or political rank or class, is from casta, a word of doubtful origin, common to Spanish and Portuguese, but it was borrowed by both England and the Northern Continental nations from the Portuguese accounts of India. Cash and cashier are more probably from the Portuguese caxa than from the French caisse, and even the current Chinese cash, the name of a small coin, has been supposed to come from the Portuguese word. The same language suggests a possible etymology for the obscure word dungeon. The dungeon, dongeon, or donjon keep, (Low Latin, dunjo, domgio, domnio,) was originally the principal tower in a feudal castle. It is called in Portuguese torre de homenagem, tower of homage, because it contained the reception room, in which fealty or homage to the lord was pledged, and this is not improbably the source of the French word and our own. ‡

* This false orthography is a comparatively recent corruption. The journals in Purchas, Dampier, and all the old travellers, spell the word properly, coco, or sometimes cocos or coker. Johnson strangely blunders and confounds the signification and etymology of coco and cacao, and modern botany has dignified the Portuguese bugbear, by latinizing it into cocos, as the generic name of a branch of the palm family.

† De Barros, *Asia*, dec. iii. liv. iii cap vii—Oriedo (Ramusio, iii. 64, A., Purchas, iii 982) says. "This first was called coco for this cause, that when it is taken from the place where it cleaveth fast to the tree, there are seene two holes, and above them two other naturall holes, which altogether do represent the gesture and figure of the cattles called mammons, that is monkeys, when they cry, which [the cry] the Indians call coca."

‡ [The word dungeon or dongeon is more probably derived from the Celtic dûn, a fortified place, whence came dun-ion, Old French dognon, donyon. The same root appears in Celtic names of towns ending in -dunum, as Augustodunum, Lugdunum, &c. See Zeuss, *Grammatica Celtica*, vol. i pp 29, 30; Diez, *Etym. Wörterbuch der Romanschen Sprachen*, pp 129, 609.—Ed.]

§ 10. In all these cases, except the last, which is explained by the resemblance of the Portuguese *homenagem* to the feudal Latin *homagium*, *homanagium*, *homenagium*, the early monopoly of distant navigation and of the African and East Indian trade by the Portuguese, accounts for the introduction of the words into the vocabulary, not of England only, but of all Europe; and it is through the channel of commerce that we have borrowed the phrase to run-amuck from the Malays, taboo from the Sandwich Islands, and hundreds of other words now almost universal from equally remote and obscure sources. There is a very common word, demi-john, the name of a large glass bottle covered with wickerwork, which occurs in most European languages, in nearly the same form. This strange word has been a sad puzzle to etymologists. It is often written in English with a hyphen between the second and third syllables, as if, notwithstanding its capacity, it were but the half of a whole john. In France, it is made a compound, *dame-jeanne*, Lady Jane, and a French etymologist has fabled that it took its name from its introduction into Europe by an apocryphal Lady Jane, a distinguished dame of that nation. Every one who has been in the East will remember that this portly vessel is there called *damagan*, or *damajan*, and the name, as well as the thing, is generally supposed to have been borrowed from the Christians by the unbelievers. The fact is, however, that the demi-john was formerly largely manufactured at Damaghan, a town in Khorassan, a province of Persia, once famous for its glass works, and hence the name* Our commercial nomenclature is full of similar instances, and the wide range of modern, and especially English, traffic, makes them simple enough, but when we find that the Icelanders, in their remote and isolated abode, call the elephant by the same name as the Arabs, *feel*, we are unable to account for so strange a coincidence, until we learn that in the good old times of simple mediæval devotion, the neophyte Northmen were wont to signalize their conversion from the darkness of heathenism, by a Mediterranean venture, combining the characters of a piratical cruise and a pious pilgrimage. In these expeditions they now and then fell in with an argosy,† manned by paynim Arabs, or *Blumen*, as they called them, or even entered the harbour of a Moorish town

* In a note to the American edition of Wedgwood's *Dictionary of English Etymology*, Mr. Marsh has re-examined the etymology of this word, and is now inclined to think that the Orientals borrowed it from Europe, and that it is descended from the mediæval *demonius*. See Du Cange (new ed.) *sub voce*.

† *Argosy* is generally supposed to be derived from the appellation of the mythic ship *Argo*, but it has been suggested, and not without probability, that the name is a corruption of *Ragusa*, the national designation of the vessels employed in the commerce of the important port of Ragusa.

on the coast of Spain, or of *Serkland*, the land of the Saracens, plundered the infidels, if they were able, and trafficked with them if they were not. Hence it is that we find Cufic coin in Scandinavian barrows, Arabic words in the Old-Northern tongue.

The study of foreign literatures, and the introduction of new words by foreign immigrants, in countries which, like England and America, are centres of attraction for the whole earth, are sources of accretion too familiar to require detailed consideration, but the effects of the extension of commerce and industry deserve more than a passing notice. Every new article of trade, every new style of foreign goods, brings with it either its native designation or an epithet indicative of the country whence it is imported, and the name very often remains in a new application after the particular article has disappeared from our market. Thus *calico* was originally applied to certain cotton goods imported from Calicut, in India. The Americans use it only of printed cottons of a very different texture, while in England all plain white cottons are called *calico*. In the Levant, the former superiority of American cotton goods gave them a preference in the markets, and the hawkers who sold cotton stuffs, of whatever fabric, in the streets, described them as *American* cotton to attract custom. Gradually they dropped the word cotton, and cloths of that material are now called simply *Americans*. When, therefore, an American traveller hears a Hebrew pedler crying *American!* at his heels in the streets of Smyrna or Constantinople, he need not suppose that the Oriental is taunting him with his nationality; it is only, in the want of a daily *Times*, or *Tribune*, or *Herald*, a mode of advertising that the colporteur has cottons to sell.

Numerous as are the foreign words which commerce and foreign art have incorporated into English, it is probable that these loans have been repaid by England. Our trade and industry have sown a broad crop of English words over the face of the earth. A French poet complains that England has compelled his countrymen to utter articulations as hard as chewing glass or charcoal:—

“*Le railway, le tunnel, le ballast, le tender,
Express, trucks, et wagons, une bouche Française
Semble broyer du verre ou mâcher de la brause.*”

These words have passed from England to every Continental country, but it is only a restitution of borrowed stock with usury, for of the seven, only *ballast*, *wagons*, and the last half of *railway*, are Anglo-Saxon. The nomenclature of steam navigation, which has become not less universal, is more purely English. Wherever you meet the steamboat your ear will welcome familiar sounds. You will hear Frenchmen on the Rhone, Danes in the Belts, Teutons on the Rhine, Magyars and Slaves on the Danube, and Arabs on

the Nile, all alike shouting, *half-steam! stop her! go ahead!* and many an uninstructed traveller has been agreeably surprised at finding such a remarkable resemblance between good mother-English and heathen Arabic or barbarous Dutch, as these homelike words so plainly indicate.

Vegetable nature has provided for the dissemination of plants by employing the movable winds and waters, and the migratory beasts of the field and fowls of the air, in the transportation of their seeds. Providence has not less amply secured the diffusion and intermixture of words of cardinal importance to the great interests of man. Religion, natural science, moral and intellectual philosophy and diplomacy, have introduced into English thousands of words nearly identical with those employed for the same purposes in all the languages in Christendom. The history and origin of these are generally very easily traced, but every generation gives birth to a multitude of expressions whose date we can fix with approximate precision, but the etymology and source of which are unknown at the very period of their introduction. These are, for the most part, mere popular words, which obtain no place in literature, but die with the memory of the occasions out of which they grew. But it sometimes happens that such words become permanent, though often ungraceful, additions to our vocabulary, and remain as standing enigmas to the etymologist. Of such, the American *caucus* is an example, and every man's recollection will suggest other instances.

The French essayist Montaigne gives us a striking example of the strange accidents by which foreign words are sometimes introduced. In order the better to familiarize him with Latin, the common speech of the learned in those days, he was allowed in his childhood to use no other language, and not only his teachers, but his parents, attendants, and even his chambermaid, were obliged to learn enough of Latin to converse with him in it. The people of the neighbouring villages adopted some of the Latin words which they heard constantly used in the family of their feudal lord; and, writing fifty years later, he declares that these words had become permanently incorporated into the dialect of the province *

* "Quant au reste de sa maison, c'estoit une regle inviolable que ny luy mesme, ny ma mere, ny valet, ny chambriere, ne parloient en ma compaignie qu' autant de mots de latin que chascun avoit apprins pour argonner avec moy. C'est merveille du fruct que chascun y fait mon pere et ma mere y apprirent assez de latin pour l'entendre, et en acquerent a suffisance pour s'en servir a la necessite, comme firent aussi les autres domestiques, qui estoient plus attachez a mon service. Somme, nous latinisames tant, qu'il en regresta jusques a nos villages tout autour, où il y a encores, et ont prins pied par l'usage plusieurs appellations latines d'artisans et d'utilz." — MONTAIGNE, *Essays*, liv. i. ch. xxv.

NOTES AND ILLUSTRATIONS.

ETYMOLOGY OF LAW AND RIGHT.
(See p 91)

Law, and *right* are by many etymologists derived respectively from the Latin *lex* and *rectus*. It is said that *lagu* and *lah* do not occur in Anglo-Saxon before the reign of Edgar, A D 959-975. But *lagu* bears the same relation to the Saxon verb *leagan*, to *lay*, to *set down*, that the German *Gesetz* does to the verb *setzen*. The *Mæso-Gothic* *lagjan* is the equivalent of *leagan*, and though no noun etymologically corresponding to *law* occurs in the slender remains we possess of that literature, yet a similar word is found in Old Northern as well as in Swedish and Danish. We have in the eighteenth stanza of the *Völuspá*, one of the oldest poems of the *Edda*, *þær lag lagdo*, they enacted statutes, laid down the law. We cannot well doubt that *lag* and *lagdo* are related words, and it is not denied that the verb, as well as its cognates in the sister tongues, is of primitive Gothic origin. *Jornandes*, who wrote in the sixth century, has a word apparently from the same root, and even approximating to our *by-law*. "*Nam ethicam eas crudivt, ut barbaricos mores ab eis compesceret; physicam tradens naturaliter proprius legibus vivere fecit, quas usque nunc conscriptas bellagines (Ihre, and some others, read, bilagines) nuncupant.*"—*De Reb Get* cap xi.

We find in the *Saxon Chronicle*, *MLXXXVII*, an expression very similar to the one quoted above from the *Edda*, and, in near connexion with it, the verb *settan* in the same sense as the Ger. *setzen*, to appoint or decree:

"He sætte mycel deofrið, and he lūgde laga þær wið, þat swa hwa swa sloge heort oððe hinde, þat hine man sceolde blendian Eac he sætte be þam haran, þat hi mosten freo faran."

I know not why we should question the etymological relationship between *lūgde* and *laga*, and if these words are connected, there is no reason for going to the Latin for the derivation of *law*.

Right is found not only in Anglo-Saxon (*riht*), but in all the cognate languages, and it is certainly improbable that the *Mæso-Goths* of the fourth century borrowed from the Latin *rectus* their *raihts*, *right*, *just*, and *garaihts*, *righteous*, which, with several derivatives from them, are used by *Ulfilas*.

We are, therefore, entitled to consider *law* and *right*, and all their derivatives, as at least *primâ facie* English and not Latin words. At the same time, it must be remembered that *history* has taught us almost nothing of the moral and linguistic relations between the Romans and the progenitors of the modern Gothic and Celtic tribes, except that in culture and civilization, as well as in material power, the Latin was the superior race, and that Rome was in a position to exercise an immense moral as well as social influence over those rude populations. With respect, therefore, to the vocabulary of law, of political life, and of intellectual action, we are treading on uncertain ground, when we positively affirm the domestic origin of a Gothic or Celtic root resembling a Latin one, and we can seldom be sure that such words have not passed directly from the latter to the former, instead of descending from a common but remote source.

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LECTURE VII.

SOURCES AND COMPOSITION OF ENGLISH.

- § 1. Foreign phrases in English § 2. Means for determining the origin of a word. § 3. Parts of speech. § 4. Names of relationship § 5. Monosyllables. § 6. Characteristic initial letters § 7. Characteristic terminations. § 8. Derivation of Latin words either immediately or through the French. § 9. Comparison of Anglo-Saxon and Latin words and phrases § 10. English of the fourteenth century: Langland, Wychiffe, Gower, and Chaucer. § 11. English of the sixteenth century.

II.

§ 1. THE English language, though by no means wanting in philological individuality and grammatical unity, is, as we have seen, very heterogeneous in its vocabulary. Its harmony and coherence of structure are due to the organic vitality of its cardinal and fundamental element, the Anglo-Saxon tongue, which possesses not only an uncommon receptivity with reference to the admission of foreign ingredients, but an equally remarkable power of assimilating strange constituents, naturalizing them and converting them from alien, if not hostile, forces, into obedient and useful denizens. There is found elsewhere, and especially in the languages of those Oriental families upon whom the Arabs have imposed their religion, and with it their theological dialect and their law, a great readiness to admit foreign words and foreign phrases, without moulding these linguistic acquisitions into any idiomatic conformity with the principles of their own structure. Arabic words are received into Persian and Turkish with all their anomalous inflexions, and whole phrases borrowed, without any change of form or termination to suit them to the genius and the syntax of the speech that adopts them. Persons familiar with the literature of Germany and of Scandinavia will remember that in the seventeenth century the languages of those countries exhibited, in a marked degree, a similar tendency with respect to Latin technical phrases and combinations, and many of our old English writers indulge largely in the same practice. The purism, which has for some time prevailed in Germany and Scandinavia, has expelled from their respective literatures not only foreign complex phrases, but, to a considerable extent, all words of extraneous etymology. In English, we have no means of supplying the place of

such expressions, and the essentially mixed character of the speech renders them less repugnant to our taste than they are in languages which are so constituted as to be able to do without them. A large proportion of these foreign mercenaries were first employed in the nomenclatures of the learned professions, and many are still confined to them. Others have passed from the bar, the pulpit, and the academic hall into the language of common life, and are, though with a certain hesitation, often used by the most unschooled persons. The lawyer speaks of the rule caveat emptor, denies the authority of an obiter dictum, contends that the onus probandi lies on the other side, disputes how far words spoken are a part of the res gestæ, and mentions an undecided question as being still sub judice. The dialects of logic, of criticism, and of parliamentary law, have also contributed largely to scatter through our speech these incongruous expressions, the currency of which amounts to a confession, that our own language is too poor to furnish a dress for many ideas which we have borrowed from alien sources. People who know small Latin make deductions à priori, à posteriori, and à fortiori, use arguments ad hominem, and denounce the conclusions of their opponents as non sequiturs; college graduates make affectionate mention of their alma mater; critics quote verbatim et literatim, and note a casual error of speech as a lapsus linguæ, in all deliberative bodies resolutions are adopted nemine contradicente, and when the business of the meeting is terminated, the assembly is adjourned sine die; protectionists and free-traders dispute about ad valorem duties; politicians hold offices ad interim, durante bene placito, or pro tempore, all the world says et cetera, and vice versa, though with a pronunciation of the *v* which comes unfortunately near a *w*, has even entered into the vulgar Cockney dialect. Many Greek and Latin nouns are employed in English with their original plurals. Thus we write phenomena not phenomenons; memoranda perhaps more frequently than memorandums; termini of a railroad not terminuscs, and some very classical and critical persons have gone so far as to say omnibz for omnibuses. But all these are exceptional cases, and the frequent use of foreign forms and phrases is contrary to the genius of every cultivated language, as well as to the general rules of idiomatic propriety and good taste *

* Ignis fatuus, now very common, does not appear to have been current in Fuller's time, for in his *Comment on Ruth*, p 38, he uses meteor of foolish fire, instead, and Marvell applies the same phrase to the glow-worm. We can hardly be said to have had a puristic period or school in English, but individual writers have occasionally manifested such a tendency. Mulcaster, for example, is sparing of words of Greek origin, and prefers the more familiar Latin, some-

§ 2 In inflected languages, declinable words, including all those which embody the fundamental meaning of the period, usually have endings which not only determine their grammatical class and category, but are also characteristic of the language to which they belong. Thus, for instance, in a Greek or Latin article, noun or adjective, the terminal syllables alone generally tell us the number, case and gender of the word, in a verb, the number, mood, tense and voice; and in all these parts of speech, they further inform us that the radical which they qualify is Greek and not Latin, or the contrary. In English, on the other hand, we have very few endings which are indicative of the class of the word, of its grammatical relations, or of the etymological source from which it is derived. For this reason, and because also our few specific terminations are in many cases applied to foreign roots, we can never confidently pronounce upon the nationality of English vocables, by the terminal syllables alone. A similar uncertainty, though in a somewhat smaller degree, prevails with respect to prefixes and other initial syllables, and therefore, especially since the assimilation of the English orthography to that of the Continental languages, it is impossible to lay down precise rules for determining, by the form of a word, whether it is of domestic or of alien origin. But it is, for a variety of reasons, desirable to be able to refer the several constituents of our language to their proper sources, and, in spite of the uncertainty of any one criterion, we may, by the use of several, including not the form only, but the grammatical class of the word, and its general signification, form a probable judgment as to its nationality, even without a technical knowledge of etymology.

§ 3. The first and most obvious criterion with respect to the origin of English words, is found in the grammatical class to which they belong. Interjections are so much alike throughout the world, that none of the few we possess can be said to be exclusively characteristic of English, but most of our true interjections are doubtless of native growth. The articles, pronouns, conjunctions, prepositions, auxiliary verbs, the numerals* one, two, three, four, and so on up to million, exclusive, the ordinals to the millionth exclusive; all these are Anglo-Saxon, except the ordinal second, which we have borrowed from the Latin through the French. The simple life of the Anglo-Saxons gave them little occasion for numbers beyond thousands, and modern astronomy, by making us

times substituting for the Greek new-coined terms from Latin roots, in the want of flexible Saxon primitives. But these he conforms to the English rules of derivation, or, as he calls it, *enfranchises* them. Thus he uses *seferer* for *dia* *deris*, and *muter* for *hyphen*. See Lecture XXVII

* Rank ranks the numerals with the pronouns, and some other grammarians incline to make them a class by themselves.

familiar with celestial distances, first taught us the want of greater numerical expressions * The singular exception of *second* among the ordinals is due to the fact, that neither in Anglo-Saxon nor the cognate Icelandic, was there any specific ordinal corresponding to the numeral *two*, the place of such an one being supplied in both by *other*, and they counted *first, other, third, &c* †

Having thus assigned exclusively to the Anglo-Saxon one-half the parts of speech, we have only the substantives, adjectives, verbs and adverbs to deal with ‡

§ 4. With respect to the signification of words, as a clue to the linguistic source from which they are derived, it may be observed that, in general, the familiar names of the members and organs of the body and their functions, the words indicative of the common duties, cares, labours, and passions of rural and domestic life, in short, of all those primary objects, arts and sentiments, with which we become acquainted, not through books, but by the daily round of human experience, are Saxon. In examining the vocabulary more in detail hereafter, I shall have occasion to refer again to this point, and I will only mention here one remarkable peculiarity with respect to English words denoting the degrees of family relationship. The Anglo-Saxon had its appropriate names for the direct as well as collateral relatives, in both the ascending and the descending line, though, as in all dialects belonging to rude and patriarchal life, where the family is kept together for generations, the designations of all but the nearest relations of affinity and

* In Aelfric's Homily on the Fourth Sunday after Pentecost, Thorpe's edition, i. 348, we find a singular mode of expressing great numbers, by the multiplication of *þusend*, the highest collective numeral in the vocabulary "Ten *þusend siðan hundfealde þusenda him mid wunodon*" *ten thousand times hundredfold thousands dwelt with him*

† The want of etymological relationship between the numerals and the ordinals is by no means exclusively characteristic of the Gothic languages. As the English *first* is not derived from *one*, and *second* is foreign altogether, so the Latin *primus* and *secundus* are in no way connected with *unus* and *duo*, nor is the Greek *πρῶτος* a derivative of *εἷς*. *First*, *primus*, and *πρῶτος* are respectively formed from prepositions or adverbs meaning *before*, so that *first* is *foremost*, and we find *foremost* for *first* in Mandeville and other old writers.

The Anglo-Saxon forms of this word obviously point to this etymology. *Furthest* is found for *first* in Lord Herbert's Life, and Gower, ii 2, has the same form. The Latin *secundus* is clearly allied to the root of *sequor*, *I follow*, and *secundus* is *following*.

Gower uses this form:—

"And when he weneth have an ende,
Than is he furthest to beginne"

Conf Am, Pauli, ii 2

‡ The reader will find the general relations of the Anglo-Saxon to the vocabulary of modern English ably discussed in an article in the *Edinburgh Review* for 1839.

consanguinity were vaguely employed * Now, in the transition from the simple manners of the Anglo-Saxons to the more civilized and artificial institutions and language of their English successors and representatives, we have retained the primitive names for those relatives who, in advanced stages of society, usually compose one household and gather around one fireside; but we have rejected the native appellations for all those who presumably dwell under another roof-tree, and, regarding them as, comparatively, strangers, have bestowed upon them foreign names. Father, mother, husband, wife, bridegroom, bride, son, daughter, brother, sister, step-father and mother, step-son and daughter, are all pure Anglo-Saxon, while grand-father and grand-mother, grand-son and grand-daughter, nephew and niece, are half Romance, uncle, aunt and cousin, altogether so.

§ 5. The next comprehensive rule is that monosyllables, of what-ever class, and words compounded or derived from monosyllables which exist independently in English, are Anglo-Saxon To this general statement there are many exceptions, but these will in most cases be recognised by the aid of rules, derived from the character of the initial and permanent final letters

§ 6. As respects initial radical letters, not prefixes, it will be found that the following generally indicate an Anglo-Saxon origin: *bl* and *br*, † *dr*, † *gl* and *gr*, *k*, and especially *kn*, and *sh* Words beginning with *ea* are almost uniformly Anglo-Saxon. I remember no exceptions but *eager*, *eagle*, and their derivatives, and in fact, the same combination or that of *oa*, as in *oak*, occurring in any part of a word, usually indicates a Saxon root, as does also the semi-vowel *w*. *Th* is found only in words originally Saxon or Greek.

On the other hand, the great frequency of Latin words compounded with prepositions makes it probable. That if the first letter be the vowel *a*, the word is Latin with the prefix *a b*, *a d* or *a nte*; if *e* followed by a consonant, Latin with the preposition *e*, *ex*, if *co*, Latin with the prefix *c o n* or *c u m*; if *de*, Latin with the prefix *d e*; if *i*, Latin with *i n*, if *o*, followed by a consonant, Latin with the prefix *o b*, if *p*, Latin with the prefix *per*, *præ*,

* Thus in the Armenian provinces of Russia, where the patriarchal system still subsists in full vigour, and all the descendants remain in the family of the ancestor as long as he lives, the younger members, of the same degree, are known to each other as brothers and sisters, and cousins are not regarded as remoter relatives than children of the same parents. See Harthausen, *Transcaucasia*

† The principal exceptions to this rule are *blame*, *blanch*, *blank*, *blaspheme*, *blemish*, *blench*, *bruce*, several scientific compounds and derivatives from the Greek *βραχύνω*, *branch*, *brief*, and other derivatives from the Latin *brevis*, *brick*, *brilliant*, and few other doubtful or less important words.

‡ Except *drape*, *dress*, and some others.

præter, or *pio*; if *su*, Latin with the prefix *sub* or *super*; if *r*, Latin with the prefix *re*.

The diphthong *æ*, though employed in Anglo-Saxon, is no longer found in native English words, and its occurrence in any syllable now marks a Latin or Greek origin, *eau*, *oi* and *ou* are almost confined to words of modern French formation, though *-oid* and *-oidal* terminate many words derived from the Greek, and they are also used as endings expressive of likeness in connexion with roots belonging to other languages

A Greek etymology is indicated by the initials *eu* and sometimes *en*; as also by *æ*, the prefixes *apo*, *para*, and *peri*, and sometimes *pro*; and by the initial combinations *chr* and *rh*; by *ph* and *th* occurring anywhere in a word, and in verbs, by the ending *-ize*, though this is sometimes used with Romance roots, as in *fraternize*.

§ 7. The Anglo-Saxon had several distinct terminations for adjectives, and faint traces of most of them may still be detected; but those most readily recognizable are *-y*, as in *windy*, *cloudy*; *-ish* and *-some*, as in *whitish*, *gamesome*, *-ful*, as *fearful*; and *-less*, as in *loveless*. Of these, all but the last two are chiefly confined to Saxon roots, while *-ful* and *-less* are applied indiscriminately to radicals from all sources, as *painful*, *joyless*.*

One of the most familiar English endings of nouns is *-er*, indicative of the agent, but it is now so completely confounded with the Latin *-or*, and the French *-eur*, represented in our orthography by *or* and *our*, that it has lost its value as a characteristic. The nominal endings *-dom* and *-hood*, and the diminutive *-ling*, pretty certainly indicate that the word is pure English, while *-ness* and *-ship*, both Anglo-Saxon endings, are freely applied to French and Latin primitives.

The Saxon infinitive verbs ended in *-an*, but since we have dropped this characteristic, we have no verbal endings, except those

* The adverbial ending *-ly* is applied indiscriminately to Saxon and foreign roots, though its use has been much restricted in more modern English. In the prologue to an old translation of the Scriptures (Wycliffite versions, i p 37 n), we find *Ebrueh*, *Greekyly*, *Latynly*, corresponding to the Latin *Hebraice*, *Græcè*, *Latine*, and in Wycliffe, Mark xii 1, *parably* for, in parables.

In a dialogue on Freemasonry, ascribed to Henry VI, and printed in the Lives of Leland, Hearne, and Wood, Oxford, 1772, vol. 1. 97, *headly* is used for *chiefly*.

"Quest. What mote ytt [Freemasonry] be ?

"Ans Ytt beeth the Skylle of Nature, the understandyng of the myghte that ys herynne, and its sondrye worckynges; wonderlyche, the Skylle of Rectenynges, of Waighetes, and Metynges, and the treu manere of Faconrynge al thynges for Mannes use, *headlye*, Dwellynges, and Buylidynges of alle Kindes." &c. &c.

in *-ize*, and *-ate*, used with foreign roots only, and the terminations of the tenses and participles, which are applied indiscriminately to all verbs, without regard to etymology. If, however, a verb is declined with what is called the strong conjugation, or by a change of vowel, as present *break*, past *broke*, it is almost certainly Anglo-Saxon.

The French or Latin endings *-ous*, for adjectives, *-ess* as the sign of the feminine noun, *-ment* expressive of state or condition, *-ance*, *-ty*, *-on*, and *-ude*, are in most cases employed only with Romance roots, and though convenience and habit have reconciled us to *endearment*, a Saxon radical with a Romance prefix and termination, we reluctantly accept new heterogeneous combinations of this sort. *Enlightenment*, a word of like formation, though very much wanted, has long knocked at our door, without being yet fairly admitted to the native circle.

Most of these rules have their exceptions, and they do not exhaust the list of etymological characteristics, but I believe they embrace the principles of most frequent and general application, and they will be found sufficient to determine the origin of a great majority of the words of our vocabulary.

With the exception of Greek, as the source of most of the newly-framed nomenclature of science, the Latin and the French are the only languages which have contributed any large masses of words to our general stock, though particular imported arts and processes have brought with them technical terms belonging to other tongues.

§ 8. It is often impossible to determine from internal evidence, from the form, alone, of a word of original Latin etymology, whether we derived it directly from its primitive source, or have taken it at second-hand from the French. But I think that in most of these doubtful cases, the balance of probability is strongly in favour of the French, as the immediate parent, and thus I argue from the fact that though the influence of the Latin had modified the Saxon syntax, it had not, to the same extent, affected the general vocabulary of the people, until the Norman Conquest made French the official language of the government and the fashionable dialect of the nobility. Most old words of this class make their first appearance in translations from the French, as for instance in Chaucer's versions. Nor is the strict conformity of a word to the Latin orthography by any means a proof that it was first borrowed from the Latin; for when classical literature became a familiar study in England, as it did soon after the invention of printing, very many words which had been introduced from France, and long used with the French orthography, were reformed in their spelling, so as to bring them nearer to their primitive etymology, and then a new pronunciation was often

adopted, more accordant to the new orthography. These charges both in form and orthoepy are of much philological interest, but as I shall have occasion to examine them more fully hereafter, I will here content myself with a single instance. *Subject* was originally written *subgette* or *sugette* without the *c*, and of course pronounced without it, as in French. When it was recognised as a Latin word, the *c* was restored, and the pronunciation changed accordingly.

§ 9. The Anglo-Saxon embodies the formative principle, and is, in the strongest possible sense, the organic mother of the English-language. I repeat, in the strongest sense, because although we have admitted a great number of foreign words, so great, in fact, that we may be said to have two parallel vocabularies, and to have created a language within a language, yet, after all, in the essential characters of speech, there is a closer resemblance between our modern dialect and Saxon, than between Italian and Latin, although there are few Italian words not derived from the Latin. Indeed, this double form of our language, with respect to what are called *lexicalia* or mere etymology, is a fact altogether unique in European philology. We possess a garment which, remaining always the same in form, may yet be worn either side out, throwing up now the warp and now the woof, and presenting almost a complete diversity of colours as well as of tissue, and we have the rare facility of so modifying our complexion, as to be entitled to lay claim to exclusive cousinship with either the Gothic or the Romance families, and yet sail the whole time under the Saxon flag. It is true that while we can readily frame a sentence wholly in Anglo-Saxon, we cannot easily do the same with words entirely Latin, because the determinative particles and auxiliaries, the bolts, pins and hinges of the structure, must be Saxon. In borrowing Latin words, we brought with them neither their inflexions nor their particles, and, therefore, though we may make them the ashlar of the period, yet both the mortar and the bond are always English.

The following extract from Macaulay's article in the 'Edinburgh Review,' on Croker's 'Boswell,' well illustrates the difference between a Saxon English and a Latinized diction :—

"Johnson's conversation appears to have been quite equal to his writings in matter, and far superior to them in manner. When he talked, he clothed his wit and his sense in forcible and natural expressions. As soon as he took his pen in his hand to write for the public, his style became systematically vicious. All his books are written in a learned language—in a language which nobody hears from his mother or his nurse—in a language in which nobody ever quarrels, or drives bargains, or makes love—in a language in which nobody ever thinks. It is clear that Johnson himself did not think in the dialect in which he wrote. The expressions which came first to his tongue were simple, energetic, and picturesque. When he wrote for publication, he did his sentences out of English into Johnsonese. His letters from the Hebrides to Mrs Thrale are the

original of that work of which the 'Journey to the Hebrides' is the translation, and it is amusing to compare the two versions. 'When we were taken up stairs,' says he in one of his letters, 'a dirty fellow bounced out of the bed on which one of us was to lie.' This incident is recorded in the 'Journey' as follows. 'Out of one of the beds on which we were to repose, started up, at our entrance, a man black as a Cyclops from the forge.' Sometimes Johnson translated aloud. 'The Rehearsal,' he said, very unjustly, 'has not wit enough to keep it sweet,' then, after a pause, 'It has not vitality enough to preserve it from putrefaction.'"

In the first of the two periods just quoted, the style is characterized as unidiomatic, quite as much by the suspension of the sense, in consequence of the complicated inversion, "Out of one of the beds, started up, at our entrance, a man," as by the selection of the words which compose it.

Many languages are so copious and so flexible, that the same thing, or nearly the same thing, may be said in several different forms, but there are few, if any, where the range of expression is so great as in English. Take, for example, two or three good English translations of a foreign author, and you will generally find them, though perhaps equally true to the original, yet very widely different from each other, both in vocabulary and in structure of period. This may happen in different ways. One translator may choose his words from the Saxon, the other from the Latin stock, or they may incorporate into their respective styles the two elements in equal proportions, but differ in their selection of synonymous expressions; or again, they may prefer, the one a structure of period formed more upon classical, the other more upon indigenous models.

In spite of the necessity of frequently introducing determinatives in languages with few inflexions, it will in general be found that a given period, framed wholly in Anglo-Saxon, will contain as few words, perhaps even fewer, than the same thought expressed in the Romance dialect of English. The reason of this is that the unpleasant effect of the frequent recurrence of particles has obliged us to invent forms of expression in which such members, though grammatically required to complete the period, are dispensed with, and we use those forms with less repugnance in Saxon combinations where they were first employed, than in Latin ones, which are of later introduction and less familiar structure. Thus we say, "The man I bought the house of," "the man we were talking of," and we may, with equal grammatical propriety, say, "the gentleman I purchased the house of," "the person we were conversing of;" but we should be much more likely to employ a more formal syntax, "the gentleman of whom I purchased the house," "the person of whom we were conversing." Again, one would say, "I told him I had called on General Taylor," omitting the conjunction *that*, before the second member of the period, but if we employed Romance words, we should more

probably retain the conjunction, as, "I informed him *that* I had paid my respects to the President." Although, then, the Anglo-Saxon so far controls all other elements, that we may grammatically employ foreign words in the same way as native ones, yet a half-unconscious sense of linguistic congruity usually suggests a more formal structure of the period, when it is composed chiefly of Romance radicals.

Our best proverbs and proverbial phrases, especially the alliterative and rhyming ones, our pithy saws, our most striking similes and descriptive expressions, and our favourite quotations, are in general wholly, or in a very large proportion, made up of native English words. Take for example these quotations from Scripture.—

"Whoso sheddeth man's blood, by man shall his blood be shed "

"His hand shall be against every man, and every man's hand against him."

"Bring down my gray hairs with sorrow to the grave "

"I have been young, and now am old, yet have I not seen the righteous forsaken, nor his seed begging bread "

"If I forget thee, O Jerusalem, let my right hand forget her cunning."

"Whatsoever thy hand findeth to do, do it with thy might "

"Cast thy bread upon the waters, for thou shalt find it after many days "

"For they have sown the wind, and they shall reap the whirlwind "

"And they shall beat their swords into ploughshares, and their spears into pruning-hooks."

"Therefore, whatsoever ye would that men should do to you, do ye even so to them;" and so, the popular version of this law. "Do as you would be done by."

"Thou shalt love the Lord thy God with all thy heart, and with all thy soul, and with all thy strength, and with all thy mind. Thou shalt love thy neighbour as thyself "

In these quotations, as well as in hundreds of others from the same exalted source, every word, with the doubtful exception of *pruning*, is Saxon. So, these proverbs are expressed wholly in native English :—

"When you are an anvil, hold you still,
When you are a hammer, strike your fill
If you do not want to go into the oven, be athwart the door.
Be not a baker, if your head be of butter.
The horse thinks one thing, he that rides him another.
The singing-man keeps his shop in his throat
One nail drives out another "

Where an important thought, a maxim or illustration, has been uttered by equally high authorities in the Saxon and the Latin idiom, the former acquires established popular currency. The parable of the man who built his house upon the sand is given us by both Matthew and Luke, and the two narratives are identical in the facts. Matthew, as rendered by the authorized translation, gives the catastrophe in plain Saxon-English :—

"And the rain descended, and the floods came, and the winds blew, and beat upon that house, and it fell, and great was the fall of it."—MATT. VII 27.

The learned evangelist Luke employed a more classic style of narrative, and the translators have endeavoured to give the effect of this by a less idiomatic and more ornate Latinized diction:—

"Against which the stream did beat vehemently, and immediately it fell, and the ruin of that house was great."—LUKE VI 49.

The narrative of Matthew specifies two circumstances omitted by Luke, "the rain descended," and "the winds blew." In the former phrase our translators employed the Latin word "*descended*," in order to avoid the repetition of the verb "*fell*," which was needed in the subsequent clause describing the fall of the house, but otherwise the words are all Saxon.

In the corresponding passage in Luke, there are three emphatic Latin words, *vehemently*, *immediately* and *ruin*. Now let us compare the two passages, and say which, to every English ear, is the most impressive.—

"And the rain descended, and the floods came, and the winds blew, and beat upon that house, and it fell, and great was the fall of it."

"Against which the stream did beat vehemently, and immediately it fell, and the ruin of that house was great."

There can scarcely be a difference of opinion as to the relative force and beauty of the two versions, and accordingly we find that while that of Matthew has become proverbial, the narrative of Luke is seldom or never quoted.*

§ 10. I cannot, upon this occasion, enter upon the history of the primary amalgamation of the incongruous elements which compose the English speech, for this would involve a minuteness of detail, and an amount of grammatical discussion, that could not be otherwise than fatiguing; but it will not be irrelevant to our present purpose to make a few observations upon the change which took place in the fourteenth century, and which impressed upon our language many of the most striking features that distinguish it from the Anglo-Saxon. The work of Langland, called '*Piers Ploughman's Vision*,' and its sequel, the '*Credel*,' are of this century, but, both in poetic form and in vocabulary, they belong, not indeed to the Anglo-Saxon, but to the transition, or what may be called the *tentative* or *experimental* period, when the new speech was striving to detect and bring out its own latent affinities and tendencies. Besides, the diction and syntax of those works are marked by peculiarities which are,

* The Greek text of these two passages, with the *Mæso-Gothic*, and the *Early English* versions, is printed for the purpose of comparison in *Notes and Illustrations*.

with apparently good reason, held to be characteristic rather of certain local dialects than of the general idiom of the period. English literature must therefore be considered as commencing with the writings of Wycliffe, Gower and Chaucer. The advance of Wycliffe* upon Langland is chiefly grammatical, not lexical; at least, the difference in the proportion of foreign words used by them respectively is inconsiderable. The influence of Continental secular literature, as distinguished from the style and diction of theological compositions, is hardly traceable in Wycliffe, but very conspicuous in his poetical contemporaries. The crown of England, in the best days of Edward III, numbered perhaps as many French as British subjects, and its Continental territory, where French only was native, was scarcely less extensive than its English soil. The two languages had existed in England side by side for three whole centuries, and the Norman dialect was the favourite speech of court and aristocratic life. That Chaucer, himself a courtier, should have imbibed a large infusion of the French element, was natural, and copying, too, from foreign models and translating from foreign authors, it was inevitable that his diction should exhibit traces of French influence. Chaucer accordingly used a number of French and Gallicized Latin words not found in other English writers of his time, and there is no doubt that many of them have been retained, in place of equally appropriate and expressive Saxon terms, upon his authority. So far, therefore, the charge often preferred against him of having alloyed the language by the introduction of French words and idioms, though by no means true in its whole extent, is not absolutely without foundation, but at the same time his syntax remained substantially and essentially Saxon, and a comparison of his poems with those of other writers of the period will show that the poetic dialect of our speech, its flexibility, compass, and variety of expression, were developed by him to such an extraordinary degree, that there are few instances in the history of literature where a single writer has exerted so great, and, in one direction at least, so beneficial an influence on the language of his time, as Chaucer. Langland, Gower, Chaucer, and Wycliffe belong chronologically to the same period, but the secular poets and

* I am not disposed to allow that the name of Wycliffe was but a myth, the impersonation of a school of reformers, and I think we may well be slow in adopting the theory which reconciles the discrepancies between the different accounts of the life of the great English apostle, by the supposition that there were two or more Wycliffes, as in Greek mythology there was a plurality of Herakles. Still, the extreme uncertainty of the evidence which identifies any existing manuscript as an actual production of the translator Wycliffe, and the great stylistic differences between the works usually ascribed to him, require us to use great caution in speaking of the characteristics of his diction. In general, when I cite the authority of Wycliffe, I refer to the *elder* of the two versions of the *New Testament* printed in the Wycliffite translations, Oxford, 1850.

the religious reformers moved in different spheres, addressed themselves to different audiences, and the vocabulary and style of each is modified by the circumstances under which he wrote, and the subject on which he was employed. Gower and Chaucer, writing for ladies and cavaliers, used the phraseology most likely to be intelligible and acceptable to courtiers, while Wycliffe and the author of the 'Ploughman' were aiming to bring before the popular mind the word of God and the abuses of the Church. The vocabulary of the Reformers, both in prose and verse, is drawn almost wholly from homely Anglo-Saxon and the habitual language of religious life, while the lays of Gower and Chaucer are more freely decorated with the flowers of an exotic and artificial phraseology.* Wycliffe and his associates, in their biblical translations, use few foreign words not transplanted directly from the Latin Vulgate, but in their own original writings they employ as large a proportion of Romance vocables as occurs in those of Chaucer's works where they are most numerous. In the 'Squires Tale,' nine per cent of the words are of Continental origin, in the 'Nonnes Prestes Tale' the proportion falls to seven, while in the prose 'Persones Tale,' a religious homily, it rises to eleven. The diction of Chaucer in the 'Persones Tale' does not differ very essentially from that of other religious writers of the same period, and it is by no means the *proportion* of foreign words which distinguishes his poems¹ from the common literary dialect of the times. It is the selection of his vocabulary, and the structure of his periods, that mark his style as his own, and it is a curious fact, that of the small number of foreign words employed by him and by Gower, a large share were in a manner forced upon them by the necessities of rhyme, for while not less than ninety parts in a hundred of their vocabularies are pure Anglo-Saxon, more than one-fourth of the terminal words of their verses are Latin or French.

Englishmen have sometimes looked back with regret to the loss of the splendid conquests of Edward III., and the older English provinces on the east and south of the Channel, but there can be little doubt that the surrender of territory was a gain, so far as respects the unity and harmony of national character, the development of the language, and the creation of an independent literature. The first

* Notwithstanding the amount of poetical embellishment in Chaucer's works, he actually employs a smaller percentage of Latin and French words than the author of *Piers Ploughman*, though the *general* difference in this respect is perhaps less than the computation given in Lecture VI. would indicate. The dialect of *Piers Ploughman* has been popularly supposed to be more thoroughly Anglo-Saxon than that of Chaucer, because the former uses very many native words not found in the latter, and which are now obsolete, but in point of fact, Chaucer's style is quite as idiomatic as that of Langland, if tried by either an Anglo-Saxon or a modern English standard.

effect of the great victories of that reign, no doubt, was to stimulate the national pride of England, and to clothe everything properly indigenous with new respectability and value. It is perhaps to this feeling that we are to ascribe the statute of the thirty-sixth year of Edward III, which prescribed that pleas should be pleaded, as well as debated and judged, in English, though they were to be enrolled in Latin. The self-conscious spirit of Anglo-Saxon nationality was for the moment thoroughly roused, but a large proportion of the nobility and gentry were of Norman extraction, and still attached to their hereditary speech. The statute does not appear to have been much regarded in practice, and French and Latin continued to be the official languages for a long time after. From the Norman Conquest to the twenty-fifth year of Edward I, 1297, all parliamentary enactments were recorded and promulgated in Latin. From that date to the third year of Henry VII., in 1487, they are almost wholly in French, and thereafter only in English, but the records of judicial proceedings were made up in Latin down to a much later date; and in fact England was never thoroughly Anglicized, until its political connection with the Continent was completely severed.

"Had the Plantagenets," observes Macaulay, "as at one time seemed likely, succeeded in uniting all France under their government, it is probable that England would never have had an independent existence. The noble language of Milton and Burke would have remained a rustic dialect without a literature, a fixed grammar, or a fixed orthography, and would have been contemptuously abandoned to the boors. No man of English extraction would have risen to eminence, except by becoming in speech and in habits a Frenchman."

§ 11. Analogous, though certainly not identical, consequences, would have followed from the failure of the Reformers to release England from her allegiance to the Papal See, for the mighty intellectual struggle, which shook Christendom in the sixteenth century, had a powerful influence in rousing the English mind to vigorous action, throwing it back on its own resources, and compelling it to bring out whatever of strength and efficiency was inherent in the national mind and the national speech. Tyndale's Testament was, for its time, as important a gift to the English people, as was King James's translation, of which indeed Tyndale's forms the staple, fourscore years later, and in the theological controversies of that century our mother-tongue acquired and put forth a compass of vocabulary, a force and beauty of diction, and a power of precise logical expression, of which scarce any other European tongue was then capable, and which the best English writers of later centuries can hardly be said to have surpassed.

NOTES AND ILLUSTRATIONS.

COMPARISON OF MATTHEW VII. 27, AND LUKE VI. 49. (See p. 116.)

The Greek text (Scholz's), and Tyndale's translation, are given from Bagster's *Hezapia*, London, 1841, the Mæso-Gothic from Gabelentz and Loebe, the Anglo-Saxon from Klipstein, and Wycliffe from the Wycliffite versions, Oxford, 1850.

From MATTHEW VII. 27

Καὶ κατεβῆ ἡ βροχὴ καὶ ἦλθεν οἱ τοῦτοι, καὶ ἐγένοντο οἱ ἀνέμοι, καὶ προσέκυον τῇ οἰκίᾳ ἐκείνῃ, καὶ ἐπέσε καὶ ἦν ἡ κτίσις μεγάλη

MÆSO-GOTHIC OF ULPHILAS

Jah atiddja dalaþ rigu jah gemun
fos jah vaivoun vindos jah bistuggun
jainamma razna jah gadraus jah vas
us is mikils

ANGLO-SAXON

Tha rinde hyt, and thaer cōm flod,
and bleowon windas, and ahruron on
aet hus, and thaet hus feoll, and hys
tre was mycel

WYCLIFFE

And ravn came down, and floodis
men, and wyndis blewen, and thei
uriden in to that hous, and it felle
oun, and the fallyng down thereof was
ete

TYNDALE

And abundaunce of rayne descended,
and the fluddes came, and the wyndes
swe and beet vpon that house, and it
fell, and

From LUKE VI. 49

ἢ προσέβησεν ὁ ποταμὸς, καὶ εὐθὺς ἔπεσε, καὶ ἐγερτο τὸ ρῆγμα τῆς οἰκίας ἐκείνης

MÆSO-GOTHIC OF ULPHILAS

þatei bistagq flodas jah suns gadraus,
jah varþ so usvalteins þis raznis mikla

ANGLO-SAXON

And thaet flod in-fleow, and hraedlice
hyt afeoll, and wearth mycel hætre
thaes huses.

WYCLIFFE

In to which the flood was hurld, and
a non it felde down, and the fallunge
doun of that hous is maad greet.

TYNDALE

Agaynst which the fludde did bet,
and it fell by and by. And the fall of
that housse was greete.

LECTURE VIII.

THE VOCABULARY OF THE ENGLISH LANGUAGE.

§ 1. Losses and gains of English. § 2. Losses in the poetic dialect. § 3. Archaic diction § 4. Changes in vocabulary. § 5. Changes in meaning of words. § 6. Extent of vocabulary. § 7. Technical terms

I.

§ 1. THE Anglo-Saxon represents at once the material substratum and the formative principle of the English language. You may eliminate all the other ingredients, and there still subsists a speech, of itself sufficient for all the great purposes of temporal and spiritual life, and capable of such growth and development from its own native sources, and by its own inherent strength, as to fit it also for all the factitious wants and new-found conveniences of the most artificial stages of human society. If, on the other hand, you strike out the Saxon element, there remains but a jumble of articulate sounds without coherence, syntactic relation, or intelligible significance. But though possessed of this inexhaustible mine of native metal, we have rifled the whole *orbis verborum*, the world of words, to augment our overflowing stores, so that every speech and nation under heaven has contributed some jewels to enrich our cabinet, or, at the least, some humble implement to facilitate the communication essential to the proper discharge of the duties, and the performance of the labours, of moral and material life. These foreign conquests, indeed, have not been achieved, these foreign treasures won, without some shedding of Saxon blood, some sacrifice of domestic coin, and if we have gained largely in vocabulary, we have, for the time at least, lost no small portion of that original constructive power, whereby we could have fabricated a nomenclature scarcely less wide and diversified than that which we have borrowed from so distant and multiplied sources. English no longer exercises, though we may hope it still possesses, the protean gift of transformation, which could at pleasure verbalize a noun, whether substantive or adjective, and the contrary; we have dropped the variety of significant endings, which indicated not only the grammatical character, but the grammatical relations, of the words of the period, and with them sacrificed the power of varying the arrangement of the sentence according to the

emphasis, so as always to use the right word in the right place, we have suffered to perish a great multitude of forcible descriptive terms, and finally, we no longer enjoy the convenience of framing at pleasure new words out of old and familiar material, by known rules of derivation and composition, but are able to increase our vocabulary only by borrowing from foreign and, for the most part, unallied sources. Nevertheless, in the opinion of able judges, our gains, upon the whole, so far at least as the vocabulary is concerned, more than balance our losses. Our language has become more copious, more flexible, more refined, and capable of greater philosophical precision, and a wider variety of expression.

The introduction of foreign words and foreign idioms has made English less easy of complete mastery to ourselves, and its mixed character is one reason why, in general, even educated English and Americans speak less well than Continental scholars; but, on the other hand, the same composite structure renders it less difficult for foreigners, and thus it is eminently fitted to be the speech of two nations, one of which counts among its subjects, the other among its citizens, people of every language and every clime.

§ 2. Our losses are greatest in the poetic dialect, nor have they, in this department, except for didactic and epic verse, been at all balanced by our acquisitions from the Latin and the French, or rather, from the former through the latter. We have suffered in the vocabulary suited to idyllic and to rural poetry, in the language of the domestic affections, and the sensibilities of everyday social life. In short, while the nomenclature of art has been enriched, the voice of nature has grown thin and poor, and at the same time, in the loss of the soft inflexions of the Saxon grammar, English prosody has sustained an injury which no variety of foreign terminations can compensate. The recovery and restoration of very many half-forgotten and wholly unsupplied Saxon words, and of some of the melodious endings which gave such variety and charm to rhyme, is yet possible, and it is here that I look for one of the greatest benefits to our literature from the study of our ancient mother-tongue. Even Chaucer, whom a week's labour will make almost as intelligible as Dryden, might furnish our bards an ample harvest, and a knowledge of the existing remains of Anglo-Saxon literature would enable us to give to our poetic vocabulary and our rhythm a compass and a beauty surpassed by that of no modern tongue. It is remarkable that Ben Jonson, in lamenting the disappearance of the old verbal plural ending *-en*, as, *they loven*, *they complainen*, instead of *they love*, *they complain*, a form which he says he "dares not presume to set afoot again, though the lack thereof, well considered, will be found a great blemish to our tongue," should confine the expression of his regret solely to the loss of a grammatical sign, without adverting to the superior rhythmical

beauty and convenience of the obsolete form. Early English inherited from the Saxon numerous terminations of case, number, and person, with an obscure vowel or liquid final, constituting trochaic feet, and the loss of these has compelled us to substitute spondaic measures to an extent which singularly interferes with the melody of our versification. Thus in Chaucer's time, the adjectives *all*, *small*, and the like, and the preterite of the strong verbs, had a form in *e* obscure, which served as a sign of the plural. The *e* final in these and other words was articulated as it now is in French poetry, except before words beginning with a vowel or with *h*, and thus what we should write and pronounce, prosaically,—

“ And small fowls make melody,
That sleep all the night with open eye,”

becomes metrical as written by Chaucer, and pronounced by his contemporaries :—

“ And smālē fōwlīs māken mēlōdie,
Thāt slēpēn āl thē night with opēn yhe.”

But this point will be more properly considered in a subsequent part of our course

§ 3. It has been observed in all literatures, that the poetry and the prose which take the strongest hold of the heart of a nation are usually somewhat archaic in diction; behind, rather than in advance of, the fashionable language of the time. The reason of this is that the great mass of every people is slow to adopt changes in its vocabulary. New words are introduced, and long exclusively employed in circles that are rather excrescences upon society than essential constituents of it, while old words cling to the tongue of the stable multitude, and are understood and felt by it long after they have ceased to be current and intelligible among the changeful coteries that assume to dictate the speech as well as the opinions and the manners of their generation. Deep in the recesses of our being, beneath even the reach of consciousness, or at least of objective self-inspection, there lies a certain sensibility to the organic laws of our mother-tongue, and to the primary significance of its vocabulary, which tells us when obsolete, unfamiliar words are fitly used, and the logical power of interpreting words by the context acts with the greatest swiftness and certainty, when it is brought to bear on the material of our native speech. The popular mind shrinks from new words, as from aliens not yet rightfully entitled to a place in our community, while antiquated and half-forgotten native vocables, like trusty friends returning after an absence so long that their features are but dimly remembered, are welcomed with double warmth, when once their history and their

worth are brought back to our recollection. So tenaciously do ancient words and ancient forms adhere to the national mind, that persons of little culture, but good linguistic perceptions, will not unfrequently follow old English or Scottish authors with greater intelligence than grammarians trained to the exact study of written forms, and I have known self-educated women, who read Chaucer and Burns with relish and an appreciation rare among persons well schooled in classic lore.

Doubtless the too free use of archaisms is an abuse, but the errors which have been committed by modern writers in this way have generally been not so much in employing too large a proportion of older words, as in applying them to new objects, thoughts, and conditions.

The author of 'Nothing to Wear' would have committed a serious violation of the laws of propriety and good taste, if he had adopted the dialect of the sixteenth century in that fine satire, to which, what is currently called the local colour of the composition gives so much point. On the other hand, the judicious use of antiquated words and forms in the 'Castle of Indolence,' an imaginative conception altogether in harmony with the tone of an earlier age, has clothed that exquisite creation with a charm which renders it more attractive than almost any other poetical production of the last century.

The English author who has most affected archaism of phraseology is Spenser, but if he had confined himself to the use of roots and inflexions which ever were true English, instead of coming words and forms to suit his metre and his rhyme, he would have escaped something of the censure which his supposed too conservative love of the reverend and the old brought upon him, at the close of a period during which, more than ever after the time of Chaucer, the language had been in a state of metamorphosis and transition.*

Ben Jonson sings.

"Then it chimes,
When the old words do strike on the new time,"

and he has happily conceived, and happily expressed in prose, the true rule for the selection of words in writings designed for permanence of duration and effect.

"We must not," says he, "be too frequent with the mint, every day coming, nor fetch words from the extreme and utmost ages. Words borrowed of antiquity do lend a kind of majesty to style, and are not without their delight sometimes. For they have the authority of years, and out of their intermission do win to themselves a kind of

* See Notes and Illustrations (A), *Spenser's Language*.

grace-like newness. But the eldest of the *present*, and newest of the *past* language is best."

§ 4. To ascertain the number of words in use at any given time, is a matter of great difficulty. As I have observed in a former lecture, new words are constantly making their appearance, and of these, while the greater part are forgotten with the occasions which produced them, some, from the great importance and abiding influence of those events, or from their own inherent expressiveness, become permanent additions to the language. The introduction of new words can scarcely fail to be marked, but the disappearance of old and established expressions is not a thing of so easy observation. The mere non-user of a word is not likely to be noticed until it has been so long out of currency that it strikes us as unfamiliar, when met with in authors of an earlier period. Nor does the fact, that a word is not actually employed at a particular epoch, prove it to be permanently obsolete.

"Multa renascentur quæ jam cecidære, cadentque,
Quæ nunc sunt in honore vocabula."

Words are constantly passing temporarily out of use, and resuming their place in literature again, and this occasional suspended animation of words, followed by a revival and restoration to full activity, is one of the most curious facts in their history. But this subject belongs to another part of our course, and we shall resume it hereafter. We can never overlook at once our whole contemporaneous literature, and of course we can never say how extensive its active vocabulary is, nor how far its gains, which we see and can estimate, are compensated by losses which escape our notice. Such computations no generation can make for itself, and the balance can be struck only by its successor.

§ 5. There is one verbal revolution which is more within the scope of familiar observation. I refer to that change by which words once refined, elegant, and even solemn, come to suggest trivial, vulgar, or ludicrous thoughts or images. Spenser, in speaking of an encounter between two armies or single knights, often says, they "let drive, or, rushed full drive, at each other," and both he and later writers, even to the time of Dryden, describe, in pathetic passages, a lady as having her face "blubbered with tears." The phrase "not to be named the same day," now a vulgarity, occurs in 'Abel Redivivus;' and the grave Hooker warns sinners of the danger of "popping down into the pit." Fellow, originally meaning simply a companion, is now a term of offence. Hooker and Shakespeare use companion, now become respectable, as we do fellow, and it is remarkable that in almost all the European languages, the word cor

responding to *fellow* is employed chiefly in a disparaging signification.*

When a distinguished American politician expressed a willingness, under certain circumstances, to "let the Constitution slide," he was criticised almost as severely for the undignified character of the expression, as for the supposed unpatriotic sentiment, but he had the authority of Chaucer and Shakespeare for the language, if not for the thought. Young Lord Walter, in the 'Clerkes Tale,' was so devoted to hawking, that

"Wel neigh all other cures let he slyde;" ♦

the disconsolate Dorigene in the 'Frankelaines Tale' was fain at last to

"Leta hire sorwe slide,"

and Sly, in the 'Taming of the Shrew,'

"Lets the world slide"

Very many humble colloquialisms current in America, but not now used in England, and generally supposed to be Americanisms, are, after all, of good old British family, and people from the Eastern States, who are sometimes ridiculed for talking of a *sight* of people, may find comfort in learning that the famous old romance, the prose 'Morte d'Arthur,' uses this word for *multitude*, and that the high-born dame, Juliana Berners, lady prioress of the nunnery of Sopwell in the fifteenth century, informs us that in her time *a bomynable syght of monkes* was elegant English for "*a large company of friars*." †

§ 6. No living language yet possesses a dictionary so complete as to give all the words in use at any one period, still less all those that have belonged to it during the whole extent of its literary history. We cannot therefore arrive at any precise results as to the comparative copiousness of our own and other languages, but there is reason to think that the vocabulary of English is among the most extensive now employed by man.

The number of English words not yet obsolete, but found in good authors, or in approved usage by correct speakers, including the nomenclature of science and the arts, does not probably fall short of one hundred thousand.‡ Now there are persons who know this voca-

* *Party*, for person, now an offensive vulgarity, occurs in the *Memoirs of the Empire of Japan*, published by the Hakluyt Society, p. 55, and very frequently in Holland, and other authors of his time. "Apelles, not knowing the name of the *partie* who had brought him thither," &c. &c. . . . "but the king presently took knowledge thereby of the *partie* that had played the pranks of him," &c. &c.—HOLLAND, *Pliny*, ii. 509, E.

† See Notes and Illustrations (B), *Synopsis of Americanisms in Old English*.

‡ In this estimate—one hundred thousand—I include technical terms only so far as they have become a part of the general vocabulary of all cultivated per-

bulary in nearly its whole extent, but they understand a large proportion of it much as they are acquainted with Greek or Latin, that is, as the dialect of books, or of special arts or professions, and not as a living speech, the common language of daily and hourly thought. Or if, like some celebrated orators, living and dead, they are able, upon occasion, to bring into the field in the war of words even the half of this vast array of light and heavy troops, yet they habitually content themselves with a much less imposing display of verbal force, and use for ordinary purposes but a very small proportion of the words they have at their command. Out of our immense magazine of words, and their combinations, every man selects his own implements and weapons, and we should find in the verbal repertory of each individual, were it once fairly laid open to us, a key that would unlock many mysteries of his particular humanity, many secrets of his private history.

Few writers or speakers use as many as ten thousand words, ordinary persons of fair intelligence not above three or four thousand. If a scholar were to be required to name, without examination, the authors whose English vocabulary was the largest, he would probably specify the all-embracing Shakespeare, and the all-knowing Milton. And yet in all the works of the great dramatist, there occur not more than fifteen thousand words, in the poems of Milton not above eight thousand. The whole number of Egyptian hieroglyphic symbols does not exceed eight hundred, and the entire Italian operatic vocabulary is said to be scarcely more extensive.

To those whose attention has not been turned to the subject, these are surprising facts, but if we run over a few pages of a dictionary, and observe how great a proportion of the words are such as we do not ourselves individually use, we shall be forced to conclude that we each find a very limited vocabulary sufficient for our own purposes. Although we have few words absolutely synonymous, yet every important thought, image, and feeling, has numerous allied, if not equivalent forms of expression, and out of these every man appropriates and almost exclusively employs those which most closely accord with his own mental constitution, his tastes and opinions, the style of his favourite authors, or which best accommodate themselves to the rest of his habitual phraseology. One man will say a *thankful heart*, another a *grateful spirit*; one usually employs *fancy* where another would say *imagination*, one describes a friend as a person of a *sanguine temperament*, another speaks of him as a man

sons. If we add all the *special terms* of every science and every art, the number of English words would be far beyond one hundred thousand [This number seems excessive. Professor Max Muller observes that Richardson and Webster give altogether 43,566 words.—*Science of Language*, p. 253.—Ed.]

of a *hopeful spirit*, one regards a winter passage around Cape Horn as a *very hazardous voyage*, another considers it a *peculiarly dangerous trip*. One man *begins to build*, another *commences building*.^{*} Men of moderate passions employ few epithets, with verbs and substantives of mild significations, excitable men use numerous intensives, and words of strong and stirring meanings. Loose thinkers content themselves with a single expression for a large class of related ideas; logical men scrupulously select the precise word which corresponds to the thought they utter, and yet among persons of but average intelligence, each understands, though not himself employing, the vocabulary of all the rest.

§ 7. The demands of pure and of physical science, and of mechanical art, for a more extended nomenclature, wherewith to chronicle their progress, and aid in their diffusion, are at present giving occasion to a more ample coinage of new words than are supplied from any other source. Science, with the exception of Geology, borrows its vocabulary chiefly from Greek and Latin sources, mechanical art, to some extent from the same languages, but it has more generally taken its technical terms from native, though often very obscure, roots. The number of words of art which the last half-century has thus introduced into English is very great, and a large proportion of them are sought for in vain in our most voluminous dictionaries. Indeed, it is surprising how slowly the commonest mechanical terms find their way into dictionaries professedly complete. I may mention, as instances of this, that penny, a denomination of the sizes of nails, as a six-penny, or a ten-penny nail, though it was employed by Featly two hundred years ago, and has been in constant use ever since, is not to be found in Webster,[†] and the

* *Commence* is used by good writers only as a transitive verb, and as such requires the participle or participial noun, not the infinitive, after it. The phrase *I commence to build*, now occasionally employed, is therefore not sanctioned by respectable authority. At the same time, there is no valid grammatical objection to its use. The French, from whom we borrowed this verb, say *commencer a parler*, or *commencer de parler*, according to circumstances, and our restriction of it to a technically transitive character is purely conventional.

† "He fell fierce and foule upon the Pope himselfe, threatning to loosen him from his chayre, though he were fastened thereto with a *tenpenny* nagle"—*Life of Abbot, 'Abel Redicrus'*, 546

Six-penny, eight-penny, ten-penny nails, are nails of such sizes, that a thousand will weigh six, eight, or ten pounds, and in this phrase, therefore, penny seems to be a corruption of pound.

Weidenfeld, *Secrets of the Artists*, uses *penny* for duodecimal part. "Of the white likewise, one is to be of ten-penny, another of eleven, another of sterling silver," &c. &c.—*Address to Students*, 15. Here *ten-penny* silver is silver ten-twelfths fine.

On the expression *Pair of Stairs*, which is rejected as a vulgar inaccuracy, see Notes and Illustrations (C).

great French and Italian dictionary of Alberti, in the edition of 1835, does not contain the word for *steam-boat* in either language.

The vocabulary of science is founded upon the necessity, partly of new names for new things, and partly of more precise and exclusive designation of well-known things. It is obvious that when chemistry discovers a new element or elementary combination, physics a new law or principle, mathematics a new mode of ascertaining magnitudes or comparing quantities, new words must be coined in order properly to express the object discovered, or process invented; but the need of new terms for familiar things, or properties of things, is not so clear to common apprehension. It is not at first sight evident that a botanist, in describing a smooth, shaggy, or bristly, vegetable surface, is under the necessity of saying instead, that the leaf or stalk is *glabrous*, *hirsute*, or *hispid*, but a sufficient reason for the introduction of new terms into newly-organised branches of knowledge, is to be found in the fact, that the common words of every living speech are popularly used in several distinct acceptations, some proper and some figurative. The purposes of natural science require that its nomenclature shall be capable of exact definition, and that every descriptive technical term be rigorously limited to the expression of the precise quality or mode of action to the designation of which it is applied. Now, though *smooth*, *shaggy*, and *bristly*, may be, and often are, employed in senses precisely equivalent to those of *glabrous*, *hirsute*, and *hispid*, yet they have also other meanings and shades of meaning, and are almost always more or less vague in their signification, because, being relative in their nature, they are constantly referred to different standards of comparison. The Latin words which, in the dialect of botany, replace them, have, on the contrary, no signification except that which is imposed upon them by strict definition, and no degree of signification which is not fixed by reference to known and invariable types.

In a recent scientific journal, I find this sentence:—"Begoniaceæ, by their anthero-connectival fabric, indicate a close relationship with anonaceo-hydrocharideo-nymphæoid forms, an affinity confirmed by the serpentarioid flexuoso-nodulous stem, the limodendroid stipules, and cissoid and victorioid foliage of a certain Begonia, and if considered hypogynous, would, in their triquetrous capsule, alate seed, apetalism, and tufted stamination, represent the floral fabric of Nephenthes, itself of aristolochioid affinity, while, by its pitched leaves, directly belonging to Sarracenias and Dionæas."

This extract exemplifies, in an instructive way, the application of new words to objects and features familiar in themselves, but which have only recently acquired a scientific value, and is interesting as showing to what extent the formation of compound and derivative words may be carried in English, when employed in the service of

natural knowledge. Most of the descriptive epithets are derived from the scientific appellations of known species or genera, the names of which suggest to the botanist their characteristic forms. Where the particular form is common to two or three, the names of all are grouped in one compound, and the whole word terminated with the Greek syllable *-oid*, expressive of likeness.

The nomenclature of science is often so repugnant to the ear, and so refractory to the tongue of the English race, that it never finds admission into the dialect of common life, but as the principles of abstract reasoning and the facts of natural knowledge become more widely diffused, much of the vocabulary which belonged originally to the schools, escapes from its learned seclusion, and, generally with more or less modification of meaning, finally incorporates itself into the common language, the familiar speech of the people. At present the predominance of scientific pursuits is bestowing upon English a great number of words borrowed from the nomenclature, both of the various branches of natural history, and of the more exact sciences of pure and mixed mathematics. Thus, *conditions*, in the sense of the circumstances under which a given phenomenon takes place, and which may be supposed to modify its character, *problem*, *corollary*, *phenomenon*, *quantitative*, and *qualitative*, *demonstrative*, *positive* and *negative*, the *mean between extremes*, *antipodal*, *zenith*, *increase ratio*, and hundreds of other terms lately introduced for the special purposes of science, and denoting new, or at least unfamiliar things and relations of things, have now become a part of the general vocabulary of all educated persons.*

In the sixteenth and seventeenth centuries, the questions which absorbed the thoughts of men, and shook the dynasties of Europe, were not those immediately affecting material interests, but those concerning the relations of man to his Maker, and of the subject to his rulers. Theology and civil polity, and, as a necessary preparation for the comprehension of both, metaphysical studies, were the almost exclusive pursuit of the great thinkers, the active intellects of that long period. The facts, the arguments, the authorities which bore upon these questions, were principally to be sought for in the ancient languages, and when the reasoning was to be employed to influence the unlearned, to be clothed in an English dress, and to be popularized, so to speak, it was at once discovered that the existing language was destitute of appropriate words to convey ideas so new

* *Exorbitant*, the Latin conjugate verb to which, *exorbito*, acquired a popular figurative sense even in the classic age of Rome was originally a term of art applied to those heavenly bodies whose path deviated much from the plane of the orbits of the planets most familiar to ancient astronomy. It has now lost its technical meaning altogether, and has no longer a place in the dialect of science.

to the English mind. The power of forming new words from indigenous roots by composition and derivation, retained by the cognate languages, had been lost or suspended in English, and, moreover, the Saxon primitives specially adapted for employment in this way, had been superseded by French words imported by the Norman nobility, or by a sectarian Latin phraseology introduced by the Romish ecclesiastics. Hence new vocables, and those almost uniformly of Greek or Latin etymology, were coined for use in theological and political discussion, and many of them soon became a constituent part of the general medium of thought. In fact, a complete English metaphysical nomenclature was formed, and freely and familiarly used, by the great thinkers who lived in the sixteenth and seventeenth centuries. In the materialistic age which followed, such portion of this vocabulary as was not already incorporated into the universal patrimony of the language, had become obsolete, and when, fifty years ago, Coleridge attempted to revive the forgotten study of metaphysics, he found that the current dialect of the day afforded no terms for the adequate expression of logical and philosophical categories. But a recurrence to the religious philosophy of a more intellectual age showed that the English metaphysicians of that period had in great part anticipated a nomenclature, which has been supposed to be the invention of German speculators and their followers. *Reason* and *understanding*, as words denominative of distinct faculties, the adjectives *sensuous*, *transcendental*, *subjective* and *objective*, *supernatural*, as an appellation of the spiritual, or that immaterial essence which is not subject to the law of cause and effect, and is thus distinguished from that which is *natural*, are all words revived, not invented by the school of Coleridge *

In the mean time, and down to the present day, the rapid progress of physical science and industrial art has given birth to a great multitude of technical terms, a large part of which, in more or less appropriate applications, or in figurative senses, has entered into the speech of every-day life. Thus the means of articulate and written communication upon more familiar as well as more recondite subjects have

* The following extract from Sir Kenelm Digby's observations on Sir Thomas Browne's *Religio Medici* is, both in manner and in matter, worthy of some much later metaphysicians.—

"If God should join the Soul of a lately dead man, (even whilst his dead-corps should lie entire in his winding sheet here,) unto a body made of earth taken from some mountain in America, it were most true and certain that the body he then should live by, were the same identical body he lived with before his death and late resurrection. It is evident that *sameness*, *thisness*, and *thatness*, belongeth not to matter by itself, (for a general indifference runneth through it all,) but only as it is distinguished and individuated by the form, which in our case whensoever the soul doth, it must be understood always to be the same matter and body."

been vastly extended, even since the period when Shakespeare showed, by an experimental test, that English was already capable of exhibiting almost every conceivable phase of internal and external being in our common humanity.

The permanent literature of a given period is not a true index of the general vocabulary of the period, for the exemption of a great work from the fleeting interests and passions that inspire the words of its own time, is one of the very circumstances that insure its permanence. That which is to live for ever must appeal to more catholic and lasting sympathies than those immediately belonging to the special concerns of any era, however pregnant it may be with great consequences to the weal or the woe of man.

The dialects of the field, the market, and the fireside in former ages have left but an imperfect record behind them, and they are generally to be traced only in the scanty pages of the comic dramatist, and in the few fragments of private correspondence that antiquarian curiosity has rescued from destruction. But, for a century, the historical novel, and the periodical press, in its various forms of newspaper, solid review, and light magazine, have embodied the mutable speech of the hour, in its widest range of vocabulary, phraseological expression, and proverb. While, therefore, we do not possess satisfactory means of testing the humours, the aims, the morals, of our remoter ancestors by the character of their familiar speech, we have, in the lighter literature of later years, ample means of detecting the unconscious expression of the mental and moral tendencies, which have marked the age of our fathers and our own.

NOTES AND ILLUSTRATIONS.

A. SPENSER'S LANGUAGE.

(See p 123.)

Spenser wanted not able defenders in his own time, and the argument of one of them is worth listening to as an exposition of the views of a good scholar, at an important crisis in the history of the English language, and as in itself a characteristic specimen of the euphuism which was then a fashionable style of literary composition.

"And first of the wordes to speake, I graunt they bee something hard, and of most men unused, yet both English, and also used of most excellent authours, and most famous poets On whom, when as thus our Poet hath bin much travailed and thoroughly read, how could it be, (as that worthe Oratour sayde,) but that walking in the Sunne, although for other cause he walked, yet needes he mought be sunburnt, and having the sound of those auncient poets still ringing in his eares, he mought needes, in singing, hit out some of their tunes

"Sure I thinke, and thinke I think not amisse, that they bring great grace, and, as one would say, authoritie to the verse For albe, amongst many other faults, it specially be objected of Yalla against Livie, and of other against Salust, that with over much studie they affect antiquitie, as covering thereby credence and honour of elder yeares, yet I am of opinion, and eke the best learned are of the like, that those auncient solemne wordes are a great ornament, both in the one, and in the other.

"Ofttimes an ancient worde maketh the stile seeme grave, and as it were reverend, no otherwise than we honor and reverence gray haire for a certaine religious regard which we have of old age

"But if any will rashly blame his purpose in choice of olde and unwonted wordes, him may I more iustly blame and condemne, or of witlesse headiness in iudging, or of heedless hardness in condemning, for in my opinion it is one especiall praise, of many which are due

to this poet, that he hath labored to restore as to their rightful heritage such good and naturall English wordes, as have beene long time out of use, and almost cleane disherited. Which is the only cause, that our mother-tongue, which truly of itself is both full inough for prose and stately enough for verse, hath long time beene counted most bare and barren of both. Which default when as some endeavoured to salve and recure, they patched up the holes with peeeces and rags of other languages, borrowing here of the French, there of the Italian, every where of the Latin; not weighing how all these tongues accord with themselves but much worse with ours. so now they have made our English tong a gallimaufry, or hodge-podge of all other speeches

"Other some, not so well scene in the English tongue, as perhaps in other languages, if they happen to hear an olde word, albeit very naturall and significant, cry out straightway, that we speake no English but gibberish, or rather such as in olde time Evander's mother spake; whose first shame is that they are not ashamed, in their own mother-tongue to be counted strangers and aliens The second shame no less than the first, that whatso they understand not, they streightway deeme to be senselesse and not at all to be understoode."

B SUPPOSED AMERICANISMS IN OLD ENGLISH. (See p. 125)

Dampier, 1703, i. 292, has "*clear round*," and i. 5, *fix*, apparently in the New England sense. "We went ashore and dried our cloaths, cleaned our guns, dried our ammunition, and *fixt* ourselves against our enemies if we should be attacked."

To feel of, occurs in Knox's *Ceilon*, 1681. "They usually gather them before they be full ripe, boring an hole in them, and *feeling* of the kernel, they know if they be ripe enough for their purpose" (p 14).

Tonguey (*tungy*), formerly common,

and still sometimes used, in New England, in the sense of fluent in speech, eloquent, occurs in the older text of the Wycliffite version of *Ecclus viii. 4*, ix 25 The later text has *janglerie* instead.

That scaled by *steps* of go'd to heaven
gate,
Looks down with wonder at the sudden
view
Of all this world at once "

C PAIR OF STAIRS. (See p 127)

The phrase a *pair of stairs* is used by Palsgrave, Hakluyt, Shakespeare, and George Sandys, and it is found in the *Memoirs of Scriblerus*, as well as in many English classics of the best age of our literature. The fancied incorrectness lies in a supposed misapprehension of the meaning of *stair*, which those who criticize the phrase imagine to be synonymous with *step* or *tread*. But this is a mistake. The Anglo-Saxon *stæger*, whence our *stair*, is derived from the verb *stigan*, to ascend or climb, which, in the form *sty* or *stie*, was in use as an English verb as late as the time of Spenser. *Stæger* and *stair*, though sometimes confounded with *step*, properly signify alike the entire system of successive steps by which we *sty* or climb from one floor to another, and they may therefore be considered as collective nouns. Thus Milton, *Paradise Lost*, iii 540-3 -

"Satan from hence, now on the lower
stair,

But it is usual to divide the stair, when the height of the stories is considerable, into flights or sections separated by landing-places, and each flight might not improperly be considered an independent stair. Now in the great majority of stairs, there was but one intermediate landing-place, and of course the whole ascent from floor to floor was divided into two flights or *stairs*, and thus formed a *pair of stairs*.

In the Supplement to the last edition of Webster, it is suggested that this expression originated in the use of *pair* to designate, not a couple, but "any number of *pares*, or equal things that go together," as "a *pair* (set) of chessmen, a *pair* (pack) of cards." This is a plausible, and perhaps the true explanation, but nevertheless, as *stairs* did not mean *steps*, but *flights of steps*, I think the theory I have proposed upon the whole more probable. The Gloss of Arch 1 242, gives this quotation from William of Worcester - "a hygh grese called a *steyr* of xxxii. *steppys*," which corresponds to Milton's use of the words.

LECTURE IX.

VOCABULARY OF THE ENGLISH LANGUAGE.

- § 1. Classification of languages. § 2. Derivation of words, § 3. Composition of words § 4 Simple and composite languages § 5. Anglo-Saxon Gospels § 6. Comparison between English and other languages in the power of derivation and composition § 7. German scientific nomenclature compared with English.

II.

§ 1 For the purpose of obtaining a comprehensive view of particular branches of knowledge, and of determining the special relations which subsist between them all, modern science has found the form of generalization termed classification, a very efficient, not to say a necessary, instrument. As an auxiliary to the comprehension of a given classification, and especially as a help to the memory in retaining it, a systematic, and, as some hold, so far as possible, a descriptive, nomenclature is indispensable. The wide range of recent physical science, and the extent to which, in its various applications, it enters into and pervades the social life of the age, have made its dialect in some sort a common medium of intercommunication between men of different races and tongues. And thus Linnæus, the father of modern botany and zoology, and Lavoisier, who occupies a scarcely less conspicuous position in the history of modern chemistry, have indirectly exercised almost as important an influence on the language, as, directly, upon the science of succeeding generations. A full discussion of the principles of scientific nomenclature would be too wide a digression from the path of inquiry marked out for the present course, but it will be useful to notice some misapplications of them, and I shall have occasion to recur again to the subject, in treating of the parts of speech.*

I will precede what I have now to say in relation to it by some remarks on the classification of languages, and on derivation and composition in English. Languages have been variously classed according to their elements, their structure, their power of self-development, their historical origin or their geographical distribution. But the application of scientific principles to the comparison

* See Lecture XIV.

of different languages, or families of language, is so new a study that no one system of arrangement can yet be said to have received the assent of scholars, in any other way than as a provisional distribution. The nomenclature of the different branches of linguistic knowledge, phonology, derivative etymology, inflexion and syntax, is perhaps still more unsettled, and almost every Continental grammarian proposes a new set of names for even the parts of speech. So far is the passion for anatomizing, describing and naming carried, that some philologists, as for instance Becker, divide, subdivide, distinguish and specify language and its elements, until it is almost a greater effort to master and retain the analysis and its nomenclature, than to learn the grammatical forms and syntactical rules of the speech to which they are applied. I doubt the practical value of methods so artificial as to elevate the technicalities of art above art itself, and I shall, throughout this course, which I have more than once described as altogether introductory and preparatory, confine myself, as far as practicable, to old and familiar appellations of all that belongs to the description of language and the elements which compose it.

§ 2 Among the various classifications of language, not the most scientific, certainly, but one of the most obvious, is that which looks at them with reference to their power of enlarging their vocabulary by varying and compounding native radicals, or in other words, their organic law of growth. This classification is incomplete, because it respects words considered as independent and individual, leaving syntactical structure and other important points altogether out of view; but, as we are now considering the vocabulary, it is, for our present purpose, the most convenient arrangement.

Derivation, in its broadest sense, includes all processes by which new words are formed from given roots. In ordinary language, however, grammatical inflexions are not embraced in the term, and it may be added, that where the primitive and the derivative belong to the same language, there is usually a change of form, a change of grammatical class, and a change of relative import*. I shall, at present, speak only of derivation from native roots. A radical, which, in its simplest form and use, serves only as an attributive, in other words an adjective, may be made to denote the quality which it ascribes, or an act by which that quality is manifested or imparted, and thus become a noun or a verb, or contrariwise, a root which affirms the doing of an act, the being in a state, or the consciousness

* There is not always a change of form, as will be seen hereafter, nor is there necessarily a change of grammatical class. The noun *auctioneer* is derived from the noun *auction*, and again, since is derived from *suffer*, and that from a still older form, without any change of either class or meaning. See Lecture XIV.

of a sensation or emotion, and of course a verb, may become the name of an agent, a quality or a condition. Thus, to take the first case supposed, red is the simplest form in which that root is known to the English language, and in that form it is an adjective denoting that the object to which it is applied possesses a certain colour. If we add to this root the syllable -ness, forming the derivative redness, the new word means the power of producing upon the eye the sensation excited by red objects; it becomes the name of that colour, and is a substantive. If instead of that ending, we add the syllable -den, which gives us red-den, the derivative signifies to become red, or to make red, and is a verb. So in the other case, the verb admire, (which for the present purpose may be treated as a radical,) signifying to regard with wonder or surprise mingled with respect or affection, by the addition of the consonant -r, becomes a substantive, admirer, and denotes a person entertaining the sentiment I have just defined. In the form admiration, it is also a substantive, indicating the consciousness or expression of that sentiment, and if changed to admirable, it becomes an adjective expressing the possession of qualities which excite admiration, or entitle objects to be admired. In all these cases, the modified words are said to be derived from, or to be derivatives of, the simple radical, and they are changed in form by the addition of a syllable. But the change of form may be made in a different way, namely, by the substitution of other letters, usually vowels, for some of those of the radical. Thus from the verb to bind, we have, by a change of vowel, the substantives band and bond, all expressing the same radical notion, from the verb to think, by a change of both vowel and consonant, the substantive thought; from the verb see, by a like change, the substantive sight; from the verb to freeze, the substantive frost; from the substantives glass and grass, by a change of the spoken not the written vowel, the verbs to glaze and to graze. Thus far the change of grammatical class has been indicated by a change of form, and this is the usual, but not the constant process of derivation. There are still many instances, and in earlier stages of English there were many more, where a radical is employed in a new class, without a change of form. Thus the substantive man, without the alteration of a letter, becomes a verb, and we say to man a ship; so from arm, to arm a fortress; from saddle, bit, and bridle, to saddle, bit, or bridle a horse, and the 'Morte d'Arthur' speaks of a knight as being well sworded and well shielded, using participial forms which imply the verbs to sword, and to shield *.

§ 3. Composition in etymology means the forming of one word out

* In many cases of this sort the modern verb has been formed from an Anglo-Saxon word of the same etymology and grammatical class, by dropping the characteristic verbal ending -an, in others, it is altogether of recent origin,

of two or more, with or without change of form in either. In words framed by composition, each of the constituents may possess and still retain an independent significance, as for example in *steam-ship*, in which instance each half of the word has just the same sense as when employed by itself, though, in order to complete the meaning of the compound, something must be mentally supplied, *understood*, as English grammarians say, or, as the Latins more happily express it, *subauditum*, *underheard*. In this case, the defect of meaning is in the want of connexion between the two halves of the word, *steam* and *ship*, and a foreigner, unacquainted with the rules of English composition, an Italian for instance, would not be able to perceive how the English meaning could be given to the compound by the mere juxtaposition of its elements, any more than by saying *vapore-legno*, which would express nothing. So long as this word was a new one, every English hearer supplied the notion of the elastic force of steam acting as the motive power of the ship, though now, both the name and the thing are so familiar, that *steamship* does not always suggest its own etymology. This mode of composition is more appropriately called *agglutination*, and in the language of some rude peoples it is carried so far, that all the members of a period may be incorporated into one word, which alone expresses an entire proposition. There are, however, as I shall show in treating the subject of inflexions, many highly refined and cultivated languages, where nearly the same thing is effected by a mere change in the form of an uncompounded word*. In the majority of compound words in the European languages, the component parts are not all separately significant, but the word consists of a principal radical, the sense of which is reversed, extended, limited, specified, or otherwise qualified, by combining with it a particle or other determinative, not of itself expressive of a state, quality, or act. Of this class of compounds we have few purely English examples, the Saxon inseparable particles, and the prepositions and adverbs used as qualificatives in composition, having

and, so long as it has existed as a verb, it has been identical in form with its primitive noun.

The American *to progress* is one of the few verbalized nouns of recent coinage. It has not much to recommend it besides its novelty, but it seems, unfortunately, likely to secure full recognition on both sides of the Atlantic. See further, Lecture XIV.

* In speaking of polysyllabic inflexional forms as uncompounded, I do not mean to express dissent from the theory that weak inflexions generally result from the coalescence of particles or pronouns with verbal roots. As, however, the source and history of such formations are in most cases unknown, the inflexions of cultivated languages must, in practice, be regarded as having lost the character of compounds, and this is especially true where old and established inflexional endings are applied to words of recent origin or introduction. See Lecture XV.

become chiefly obsolete or limited in their employment, and the place of the native words into which they entered having been supplied by French or Latin compounds ready-made to our hands.*

§ 4 There are languages whose vocabulary is chiefly made up of primitive words, and of words which by simple and obvious rules are derived from, or composed of, primitives. These primitives or radicals are usually monosyllables indigenous to the language, and still existing in it as independent words. There are other tongues whose stock of words is of a composite character, and in a considerable degree borrowed from foreign languages, or derived from native roots now obsolete or so changed in form in the processes of derivation and composition, that they are no longer readily recognized as the source of the word. Languages of the former class freely allow the formation of new words both by derivation and by composition. Those of the latter reluctantly admit a resort to either of these methods of enriching the vocabulary, and prefer rather to enlarge their stock by borrowing from foreign tongues, than to develop and modify, by organic processes, the significance of their own primitives. Of course, here and elsewhere, I use *primitive* in a very restricted sense, and by no means as implying that the roots to which we refer European words are necessarily or even probably *aboriginal*, but simply that they have no known and demonstrable historical descent from distant or apparently remotely related tongues, and therefore stand in the place of primitives to the vocabulary which is composed, or has grown out of them.

To the former of the two classes I have mentioned, that, namely, where most of the words are either primitive, or derived by obvious processes from roots familiar to every native, belong the Greek, the German, the Icelandic, and the Anglo-Saxon, to the latter, that is where the radicals of the words are often obsolete, or their derivation obscure, belong the Latin, and, in a still higher degree, what are called the Romance languages, or those derived from the Latin. English occupies a place between the two, but perhaps less resembles the former than the latter, particularly as it shares with these much of their incapacity of forming at will new words from familiar roots.

* We have still some Saxon qualificatives left, and it is much to be desired that the use of them may be extended. Thus, we precede radical verbs, substantives, and adjectives, by the negative or privative syllable, *un-*, as in the words *to undo*, *unbeliever*, *unknown*, the inseparable particle *mis-*, as in *mis-apprehend*, *mis-place*, *mis-apply*, *mis-call*, the adverbs of place, *out*, *up*, and *down*, as in *out-side*, *up-hold*, *down-fall*; the prefix *be-* as in *be-dew*, *be-strew*. In these last instances, the particle *be-* retains its original force, and it was formerly much more extensively used, such words as *be-bled*, for covered with blood, *be-powdered* for sprinkled with powder, being very common, but in most modern words with this prefix, it has ceased to modify the meaning of the radical appreciably.

The power of derivation and composition was eminently characteristic of our maternal Anglo-Saxon, but was much diminished upon the introduction of the Norman French, or, to speak more justly, the Latin element, which refused to accommodate itself to this organic faculty of the Saxon tongue

§ 5. A comparison of the Anglo-Saxon translation of the Gospels with the received version, is instructive on this point. The latter is distinguished for its freedom from Latinisms, and was made with constant reference to the Greek, and with an evident design sedulously to avoid unnecessary coincidences of expression with the Vulgate and the older translations made from it. The Anglo-Saxon version was taken from the Itala or the Vulgate, and probably, though this is not certain, without any opportunity of comparison with translations in other languages, and yet its vocabulary is almost purely of native growth. Even the special words characteristic of the civil and political life of Judea, and of the Jewish and Christian religions, are very generally supplied by indigenous words, simple or compound, of corresponding etymology. The standard English version adopts, without translation, the words prophet, scribe, sepulchre, centurion, baptize, synagogue, resurrection, disciple, parable, treasure, pharisee, whereas the Anglo-Saxon employs, instead, native words, often, no doubt, framed for this special purpose. Thus, for *prophet* we have *witega*, a wise or knowing man, for *scribe*, *bocere*, book-man; for *sepulchre*, *byrgen*, whence our words *bury*, and *barrow* in the sense of funeral-mound, for *centurion*, hundred-man, the etymological equivalent of the Latin *centurio*; for *baptize*, *fullian*; for *synagogue*, *gesamnung*, congregation; for *resurrection*, *ærist*, uprising, for *disciple*, *leorning-cniht*, learning-youth, for *parable*, *bigspel*, the German *Beispiel*, example; for *treasure*, *gold-hord*; for *pharisee*, *sunder-halga*, over-holy. The word employed as the equivalent of *repentance*, or the Latin *pœnitentia*, is remarkable because it does not involve the notion of *penance*, a ceremonial or disciplinary satisfaction, which is a characteristic of the Romish theology, and seems implied even in the Lutheran *Busse thun*. The Anglo-Saxon *dædbote don*, *dædbote*, which are used for repent and repentance, convey the idea of making satisfaction or compensation, not to the Church, but to the party wronged, and therefore, if not proper translations of the corresponding words in the Greek text, they are departures from the Vulgate. I cannot but regard these facts as an argument of some weight in support of the theory which maintains that the primitive English Church was substantially independent of the Papal See

§ 6. Our present power of derivation and composition is much restricted, and while many other living languages can change all

nouns, substantive and adjective, into each other, or into verbs, and vice versâ, still retaining the root-form, which makes the new-coined word at once understood by every native ear, we, on the contrary, are constantly obliged to resort to compounds of foreign and to us unmeaning roots, whenever we wish to express a complex idea by a single word. The German and other cognate languages still retain this command over their own hereditary resources, and, in point of ready intelligibility and picturesqueness of expression, they have thus an important advantage over languages which, like the Latin and its derivatives, possess less plastic power. There are, in all the Gothic tongues, numerous compounds, of very obvious etymology, which are most eminently expressive, considered as a part of what may be called the nature-speech of man, as contrasted with that which is more appropriately the dialect of literature and art, and thus those languages are very rich, just where, as I remarked in a former lecture, our own is growing poor. The vocabulary belonging to the affections, the terms descriptive of the spontaneous action of the intellectual and moral faculties, the pictorial words which bring the material creation vividly before us, these in the languages in question are all more numerous, more forcible than the Latin terms by which we have too often supplied their places.

The facility of derivation and composition in the Greek and Gothic languages is almost unlimited, and a native, once master of the radicals, and fully possessed of the laws of formation, can at any time extemporize a word for the precise expression of any complete idea he may choose to embody in a single vocable. Aristophanes has a word of fourteen syllables, from six radicals, signifying meanly-rising-early-and-hurrying-to-the-tribunal-to-denounce-another-for-an-infraction-of-a-law-concerning-the-exportation-of-figs, so that one word expresses an idea, the translation of which into English occupies twenty-two. In another case, the same dramatist coins a word of seventy-two syllables, as the name of a dish composed of a great number of ingredients, and Richter quotes Forster as authority for a Sanskrit compound of one hundred and fifty-two syllables. Voss has framed a German equivalent for the first mentioned of these *sesquipedalia verba**, eighteen-inch words, as Horace calls them, and the German word, like the Greek, is, in this and other similar cases, an example of agglutination rather than technical etymological composition. In the Gothic languages, the elements of the compound are not generally very numerous, but Icelandic, Anglo-Saxon and German have many very forcible inseparable particles and modes of composition, by which a wonderful life and vigour is imparted to language. Thus in Icelandic the particle *of*, too much, is instinct with meaning, and

* Morgendammerungshändelmacherrechtsverderbinubwanderung

when a man of lower rank reproved his foster-son, a Norwegian king, for indiscreetly conferring too high rank on a subject, he administered a more pointed rebuke by the single compound, of-jarl fóstri minn! (too much a jarl, my foster-son!) than if he had said, as one would express the same thought in English, You are too liberal in bestowing rank! You promote Sveinn above his merits! In the same admirable language, a word of three syllables precisely equivalent in its elements, and almost in form, to our words *father and better*, means a son who has surpassed the merits of his father. The Anglo-Saxon inseparable particles, *wait-*, *be-*, and *for-* corresponding to the German *ver-*, had great force and beauty, and the writer who shall restore them to their primitive use and significance will confer a greater benefit upon our poetical dialect than he who shall naturalize a thousand Romance radicals*. We have a few compounds with the prefix *for-* remaining. For example, *forbid* is compounded of *bid* and *for-* used in the sense of opposition or contrast, so that *bid*, which means to command, when compounded with *for-*, signifies to prohibit, but most of the words into which this particle entered are unfortunately obsolete. How much better a word is *forbled*, than faint from bleeding, *fordo*, than ruin, *fordwined*, than dwindled away; *forfoughten*, than tired with fighting; *forjudge*, than unjustly condemn; *forpined*, than wasted away; *forwatched* than weary with watching, *forwandred*, than tired with wandering, or, in another sense, than having lost the way; *forchased*, than weary of pursuit; *forwept*, than exhausted with weeping; *forworn*, than tired or worn out, and so, what a losing bargain we made when we exchanged those beautiful words, *wanhope*, for despair, and *wantrust*, for jealousy or suspicion!

However stable in its structure English must now be considered, yet the warfare between its elements is not absolutely ended, and though peace has been proclaimed, some skirmishing is still going on. We yet forge out questionable derivatives and solder together unlawful compounds, in colloquial and especially jocular discourse, and bold authors like Carlyle will now and then venture to print a heterodox formation. Good writers were less scrupulous two hundred years ago, but since Queen Anne's time we are become too precise, and as the French say *precious*, to tolerate the words in which our progenitors delighted. Fuller concerned himself little about starched verbal criticism, helped himself to a good word wherever he could find it, and, when need was, manufactured one for the purpose. Thus, in telling the story of the elderly gentleman with two female friends, one of whom, near his own age, plucked out his black hairs, the other, more juvenile, his white ones, he says the younger un-

* See Notes and Illustrations, *Inseparable Particles*.

*grayhaid*ed him * This, however, is not worse than our low common triplicate compounds, horse-rail-road, steam-tow-boat, and the like †

The Icelandic and the Anglo-Saxon, though not inferior to the German in facility of composition, had nevertheless a smaller number of distinctive and derivative forms, and they were thus driven to use composition in some cases, where the Teuton expressed a similar notion by a difference of ending. Of these combinations, there is one common to the Scandinavian and the English, which, in awkwardness, surpasses almost anything to be met with in any other speech. I refer to that by which the distinction of sex is expressed, not by a termination or an independent adjective, but by using the personal pronoun as a prefix, as for example in the words *he-bear* and *she-bear*, *he-goat* and *she-goat*. ‡

7. The effort which German scholars have long been making to substitute native for foreign derivatives and compounds, has occasioned the fabrication of many extremely clumsy words, and the newly awakened zeal for the study of Anglo-Saxon and Old English will probably lead to somewhat similar results in our tongue. The principles of composition may then be considered to have a prospective, if not an immediate, practical bearing on English etymology, and I will illustrate some of them by examples drawn from the German, which exhibit their actual application in more tangible and intelligible shapes than the present scientific dialect of English presents Take,

* The privative *un-* was formerly much more freely used than at present. Heywood has *unput*, and Fuller, in his sermon 'Comfort in Calamity,' says, "God permitteth the foundations to be destroyed, because he knows he can *un-destroy* them, I mean rebuild them" Sylvester, the translator of the "Divine" Du Bartas, the delight of Shakespeare's contemporaries, uses to *un-olde* for to *re-juvenate* —

"Minde-gladdling fruit that can un-olde a man"

Du BARTAS, edition of 1811, p. 608.

In the Wycliffite versions, Prol to Romans, 299, we find. "The Jewis . . . bi breking of the lawe have *unworshipid* God," and Rom. i. 13, "I nyle for you to *unknowe*" Lord Clarendon somewhere has, "*untalen* notice of"

† Clumsy as are some of these compounds, the French are sometimes driven to employ combinations even more unwieldy *Chinese-sugar-cane* may be endured, but *canne-à-sucre-de-la-Chine* can only be paralleled by our mongrel *pocket-hand-ker-chief*.

Sylvester is remarkable for the boldness of his agglutinations. In his series of sonnets, 'The Miracle of Peace,' we find "the In-one-Christ-baptized," "the selfe-weale-wounding Lance," "th' yerst-most-prince-loyal people," and others not less extraordinary

‡ Not less awkward than these compounds is the employment of the personal pronoun for *male* and *female*, as in Dampier, 1703, i. 106: " . . . both *He's* and *She's* [the turtles] come ashoar in the day-time and lie in the sun " Grimm's Dictionary, under *Er*, 11, gives very similar examples of the employment of *er* and *sie* in German, and this is hardly worse than the common German use of the neuter diminutives, *Mannchen* and *Weibchen*, *man-ling* and *wifeling*, to designate, respectively, the male and the female of animals.

for instance, the idea of fluidity. The Anglo-Saxon and the Old German had no substantive to express this notion, the condition of being fluid, but they used the specific words water, oil, and the like, instead of framing a generic term to express them all. Science has taught that, besides the gross, heavy, visible, incompressible fluids, water and oil, there are more ethereal substances, possessing the quality of fluidity, that is of flowing and spreading indefinitely when only partially confined, and which are, besides, light and highly compressible, elastic, and, usually, invisible and apparently inadhesive. Of such fluids, common air, and the more recently detected gases, are familiar examples. Before the essential character of the gases was understood, English had borrowed the word *fluidity* from the Latin, to denote the most obvious and striking characteristic of water, oil, and other like bodies, and the Germans had formed from the native verb *fliessen*, to flow, a corresponding substantive, *Flussigkeit*, which is applied both to the property of fluidity and to bodies which possess it. The knowledge of the character of gaseous fluids rendered it desirable to contrive some means of grouping under separate denominations the two classes, namely, the incompressible, inelastic, visible, and the compressible, elastic, and invisible fluids. In English, we have not yet distinguished them, except by adding the epithets elastic, gaseous, compressible, or inelastic, incompressible; but in Germany compound adjectives have been framed, which, clothed in an English form, would answer to *elastic-fluid* substances and *dropable-fluid* substances, or, those which left free expand themselves like air, and those which can be dropped or poured out, like water. In English we confine the appellation *liquid* to these latter, but we apply *fluid* indiscriminately to both. Thus we call oil and water *liquids*, but we cannot speak of air and the simple gases as *liquids*, though in poetry the phrase *liquid ether* and the like are used; but on the other hand, we apply the substantive and adjective *fluid* to air, water, and oil alike. Doubtless the period is not far distant when the elastic and the inelastic fluids will be distinguished by appropriate designations in English, though it may be hoped less cumbrous ones than the German, and we shall also probably have specific generalizations for the watery and the oleaginous fluids.

However desirable it may be to recover the ancient plasticity of the Anglo-Saxon speech, and to restore to circulation many of its obsolete most expressive words, yet the prevalence, among English scholars, of a purism as exclusive as that of Germany, would be a serious injury to the language, as indeed I think it is in German itself, though of course a far less evil in a harmonious and unmixed speech like the German, than in one fundamentally composite, and, to use a legal term, repugnant, like ours. German is singularly homogeneous and consistent in its vocabulary and its structure, and the

desire to strengthen and maintain its oneness of character is extremely natural with those to whom it is vernacular. The essential unity of its speech gives its study immense value as both a philological and an intellectual discipline, and it has powerfully contributed to the eminently national and original character of a literature which, for a century, has done more to widen the sphere of human knowledge, and elevate the habitual range of human thought, than the learning and the intellect of all the world besides. I think, nevertheless, that it has purchased its present linguistic purity at some cost of clearness and precision of expression, perhaps even at some loss of distinctness of thought.

Although it must be admitted, that facility of word-coinage is in many respects a great linguistic convenience, it is quite another question whether, in philosophical exactness of meaning, anything is gained by using words derived from or compounded of roots so familiar that they continually force upon us their often trivial etymology, and thus withdraw our attention from the figurative or abstract meaning which we seek to impose upon them.

We express most moral affections, most intellectual functions and attributes, most critical categories and most scientific notions, by words derived from Greek and Latin primitives. Such words do not carry their own definition with them, and to the mere English student they are purely arbitrary in their signification.* The scientific writer who introduces or employs them, may so define his terms as to attach to them the precise idea he wishes to convey, and the reader or hearer receives the word unaccompanied by any incongruous image suggested by its root-form. Where, on the contrary, words applied to such noble uses are derived from common and often vulgar roots, from the vocabulary of the market, the kitchen or the stable, the thoughts of the reader must be frequently disturbed by gross or undignified images, called forth by an etymology drawn from the names of familiar and humble objects and processes. Take, for instance, the geographical meaning of the Latin-English words *longitude* and *latitude*. The ancients supposed the torrid and the frigid zones to be uninhabitable and even impenetrable by man, but while the earth, as known to them, was bounded westwardly by the Atlantic Ocean, it extended indefinitely towards the east. The dimensions of the habitable world, then (and ancient geography embraced only the home of man, ἡ οἰκουμένη), were much greater, measured from west to east, than from south to north. Accordingly, early geographers called the greater dimension, or the east and west line, the *length*, *longitudo*, of the earth, the shorter dimension, or the north and south line, they denominated its *breadth*, *latitudo*.

* See Lecture IV.

These Latin terms are retained in the modern geography of most European nations, but with a modified meaning. The north or south distance of any point on the earth's surface from the equator is the north or south latitude of that point. The east or west distance between two lines drawn perpendicularly to the equator, through two points on the earth's surface, is the east or west longitude of those points from each other. Latitude and longitude etymologically indeed mean *breadth* and *length*, yet, in their use in English, their form does not suggest to the student their primary radical signification, and he attaches to them no meaning whatever but their true scientific import. The employment of the English terms *breadth* and *length*, to denote respectively north and south and east and west distance on the surface of a sphere, would, in the present advanced state of our knowledge, be a perversion of the true meaning of words. Yet this is exactly what German purism does when it rejects the precise, philosophic *longitude* and *latitude*, substitutes for them the vague and inaccurate terms *Länge* and *Breite*, length and breadth, and says, accordingly, that St Petersburg lies in sixty degrees of north *breadth*, and twenty-eight of east *length* from Paris. Still more palpable is this abuse of speech when a different form of expression is employed, and we are told that the *breadth* of the city of New York is 41° N., its *length* 74° W.*

In like manner, the English adjective *great* and the German *gross* are both, in their proper signification, applicable only to objects which, as tested by the ordinary standards of comparison, are large, and their nouns, *greatness* in the one language, *Grosse* in the other, are strictly conjugate in meaning. In the philosophic dialect of English and the Romance languages, we employ *magnitude* as the scientific equivalent of *size*, *dimensions*. *Magnitude* is derived from the Latin *magnus*, great, but that etymology is not so familiar to English ears as to attach to the word *magnitude* the idea of relatively large bulk, and we apply the term, without a sense of incongruity, to the dimensions of any object however small. The Germans use *Grosse* as the scientific equivalent of *magnitude*, and in this they pervert language in the same way we should do, in speaking of the *greatness* of microscopic animalculæ so small that a hundred of them could lie on the point of a pin.

So in chemistry and in the language of industrial art, to *calcine* signifies to reduce, by longer or shorter exposure to heat, metals and

* I do not know whether the Germans or the Dutch were the first to translate longitude and latitude by native words of their respective tongues. The earliest examples I have noted of the use of modern equivalents of these words are in Dapper, *Beschrijving van Persië*, 1672. "De Stadt Derbeid is ge'ten op de lengte van vyf en tachtig graden, en op de roeter breedte van een veertigh graden, dertigh minuten" (p. 20).

other bodies popularly considered incombustible, to a friable condition. The burning of lime is a familiar instance of calcination, and in fact *calcine* is derived from *calx*, the Latin word for lime. Burnt limestone, and the substances to which metals and many other bodies are reduced by heat, having a certain resemblance to each other in consistence and other properties were conceived to be chemically related, and therefore the name of *calx* was applied to these substances in the dialect of the alchemists, and passed from their laboratories into the language of common life. The English verb *calcine*, to us, to whom the etymology of the word is not always present, expresses precisely the reduction of incombustible substances to the state of a *calx*. The modern German uses, instead of the alchemical *calciniren*, the verb *verkalken*, derived from *Kalk*, *lime*, which is no doubt allied to the Latin *calx*, and probably enough derived from it. But *Kalk* has not the signification of *calx*, and the verb *verkalken*, therefore, properly means to reduce to *lime*, not to bring to the condition of a *calx*, which latter acceptation the scientific purists have arbitrarily, and in violation of the principles of their own language, imposed upon it.

We have some, but, happily, not many similar examples in the received scientific dialect of English. Our substantive *acid*, for instance, is Latin, but, for want of a native term, we employ it as a conjugate noun to the adjective *sour*, and it has become almost as familiar a word as *sour* itself. Chemistry adopted *acid* as the technical name of a class of bodies, of which those first recognized in science were distinguished by 'sourness of taste. But as chemical knowledge advanced, it was discovered that there were compounds precisely analogous in essential character, which were not sour, and consequently *acidity* was but an accidental quality of some of these bodies, not a necessary or universal characteristic of all. It was thought too late to change the name, and accordingly in all the European languages the term *acid*, or its etymological equivalent, is now applied to rock-crystal, quartz, and flint. In like manner, from a similar misapplication of *salt*, in scientific use, chemists class the substance of which junk-bottles, French mirrors, windows and opera glasses are made, among the *salts*, while, on the other hand, analysts have declared that the essential character, not only of other so-called salts, but of common kitchen-salt, the salt of salts, had been mistaken, that salt is not a salt, and accordingly have excluded that substance from the class of bodies upon which, as their truest representative, it had bestowed its name.* The attempt to press into the service of the exact sciences words taken from the vocabulary of common life is thus seen to be objectionable, because such words are

* Liebig, *Chemische Briefe*, Vierte Auflage, 1 96.

incapable of scientific precision and singleness of meaning, and, moreover, as in the instances cited, they often express entirely false notions of physical fact

With respect to compounds of trivial roots, it must be admitted that they are advantageously employed as the names of familiar material or immaterial objects and processes, of a somewhat complex but not abstruse nature. Thus *steamboat* is a better word than the Greco-French *pyroscaphe*, the German *Vorgefuhl* than *presentiment*. So English physicians would have done more wisely in adopting the plain descriptive compounds, *day-blindness* and *night-blindness*, which, as appellations of certain affections of the sight, explain themselves, than to borrow the Greek *nyctalopia*, which has been applied by some writers to one of these maladies, by others to its converse, and which, as we learn from Isidore, the grandson of the great King Theodoric, was just as equivocal twelve hundred and fifty years ago as it is to-day.*

But in the use of these words in the dialect of science, in their application to abstract or obscure philosophical conceptions, the inappropriateness of a nomenclature derived from familiar roots is often very obvious. Our English word *anatomy*, which, referred to its Greek original, means simply *cutting up*, has come to have the signification of carefully dissecting, separating, or laying open by the knife, the framework, tissues and vessels of animal bodies with a view of studying the structure and functions of their organs, and all this is fairly implied and felt by every speaker or hearer, whenever the word is uttered, nor does it suggest to the mind any other possible signification, or call up any alien image. Many German writers have chosen to repudiate this so expressive, definite, and strictly philosophical word, and to substitute for it the compound *Zergliederungskunst*, which, dressed in an English form, would be equivalent to the *Art-of-dismembering*, or more exactly, the *Unlimbing-art*. Now this unwieldy compound rather expresses the act of dissecting, the mechanical part of anatomy, and some therefore have thought it necessary to employ another word, *Zergliederungswissenschaft*, the knowledge or science of unlimbing, to indicate the scientific purpose and character of anatomy, which is so happily implied in what to us is a purely arbitrary word

Whenever a derivative or compound term may, without violence, have several meanings, it is a matter of considerable difficulty for those to whom all these meanings are, so to speak, instinctively familiar, to confine their intellectual conceptions strictly to one, but, to the

* "Νυκ-αλαρία est passio qua per diem visus patentibus oculis detegitur, et nocturnus irruentibus tenebris redditur, aut verâ vice (ut plerique vocant) die redditur, nocte negatur."—IS. DOETS *Oryg. in c. vii.*

English student, *anatomy* is practically not a compound. He does not refer it to its etymological source, and to him it can mean nothing but scientific dissection; nor can the word suggest any image not appropriately belonging to that idea.

In the nomenclature of Chemistry, to designate the bodies which, because analysis is not yet carried beyond them, are provisionally denominated simple substances, we employ Greek compounds, giving to them, by formal definition, and therefore arbitrarily, a precise, distinct, rigorously scientific meaning, excluding all other direct or collateral, proper or figurative, significations. In the German chemical nomenclature, these bodies are designated by Teutonic compounds derived from roots as trivial as any in the language. The words *carbon*, *hydrogen*, *oxygen*, *nitrogen*, employed in English, do not recall their etymology, and their meaning is gathered only from technical definition. They express the entire scientific notion of the objects they stand for, and are abridged definitions, or rather signs of definition, of those objects. They are to the English student as purely intellectual symbols as the signs of addition, subtraction, and equality in Algebra, or, to use a more appropriate simile, as their initials C for carbon, H for hydrogen, O for oxygen, and the like, which, in conjunction with numerals, are used in expressing quantitative proportions in primary combinations. The corresponding German compounds, *Kohl-Stoff*, *Wasser-Stoff*, *Sauer-Stoff*, and *Stick-Stoff*, *coal-stuff*, *water-stuff*, *sour-stuff*, and *choke-stuff*, express, each, only a single one of the characteristics of the body to which they are applied, to say nothing of the unphilosophical tendency of thus grossly materializing and vulgarizing our conception of agencies so subtle and so ethereal in their nature.*

* The use of the new German technical terms is subject to this further inconvenience, that the compound will not admit the adjectival form, and of course the noun is without a conjugate attributive. While, therefore, a German may say, in pure Teutonic, for *anatomy*, the *Art-of-dismembering*, for *astronomy*, *Star-knowledge*; for *geography*, *Earth-knowledge and Earth-description* (either of which, by the way, may as properly apply to soil or rock as to the globe), yet when he has occasion for a corresponding adjective, he must resort to the Greek compounds *anatomisch*, *astronomisch*, *geographisch*, and thus he introduces confusion into his scientific dialect, and loses whatever had been gained by the introduction of native compound nouns. So, in expressing the quantitative proportions determined by ultimate analysis in chemistry, he uses H and O, the initials of hydrogen and oxygen, to represent those bodies, and the student of chemistry is taught that H stands for *Wasserstoff*, O for *Sauerstoff*, and so of the rest.

The philosophers of Holland have exhibited a greater degree of etymological courage than their German brethren. They have framed conjugate adjectives for their newly-formed scientific compound nouns, and thus built up such words as *ontleedkundig* for *anatomical*, *de proefondervindelijke wetenschappen* for the *experimental sciences*, in which last heptasyllable, indeed, the radical word *proef* is probably not indigenous, but borrowed from the Latin through the French.

It is no answer to the objections I am urging to say that habit reconciles us to the scientific use of unscientific terms ; that they at length, when employed in combination with other words of art, sink their etymology, so to speak, and cease to suggest disturbing images ; for just in the same proportion as they do this they cease to be descriptive at all, and the only argument left for their use is that of a form more in harmony with the ordinary orthoepical combinations of the language, an argument certainly not to be weighed against the obvious disadvantages of a vocabulary which is not only trivial, but which scientific discovery is constantly showing to have been founded on false analogies, and erroneous theory.

There is, it must be admitted, a convenience in the double forms of some part of the German neologistic nomenclature, as for example in the distinction between *Erdkunde*, the knowledge of the earth, and *Erdbeschreibung*, the description of the earth. These ideas are indeed logically distinguishable, because we may know that which we do not undertake to describe, and we may undertake to describe that which we know, or, as experience unhappily too often shows, that which we do not know, but it is by no means clear that there is any advantage in having a separate word for the expression of every distinguishable shade of human thought. True it is, as is observed by Coleridge, that "by familiarizing the mind to equivocal expressions, that is, such as may be taken in two or more different meanings, we introduce confusion of thought, and furnish the sophist with his best and handiest tools. For the juggle of sophistry consists, for the greater part, in using a word in one sense in the premises, and in another sense in the conclusion." But it is equally true, as the same great master elsewhere remarks, that "it is a dull and obtuse mind, that must divide in order to distinguish." The ramifications and subdivisions of our vocabulary must end somewhere. The permutations and combinations of articulate sounds are not infinite, nor can the human memory retain an unlimited number of words. It is inevitable that in some cases one word must serve to express different ideas, and, if they be ideas from the occasional confusion of which no danger to any great moral or intellectual principle is to be feared, we must be content to trust to the intelligence of our hearers to distinguish for themselves. There is much intellectual discipline in the mere use of language. The easiest disciplines are not necessarily the best, and therefore a vocabulary so complete as never to exercise the sagacity of a reader, by obliging him to choose between two meanings, either of which is possible, would afford very little training to faculties of whose culture speech is of itself the most powerful instrument.

NOTES AND ILLUSTRATIONS.

INSEPARABLE PARTICLES
(See p. 141)

It is very difficult to define the meaning of inseparable particles, because their force is usually more or less modified by that of the radical with which they are combined, and therefore their significance is best learned by the study of examples. *Be-* is sometimes an intensive of the sense of the verb to which it is prefixed, but it more usually and properly serves to express a peculiar relation between the radical notion conveyed by the verb and the nominative or objective of the verb, by which, while the nominative and objective retain their syntactical character of subject and object, they are logically placed in a different category. Thus, if I *sprinkle* water, the object on which the drops fall is *besprinkled*, I *bestrew* the ground with roses by *streicing* the flowers upon it, dry earth is *powdered* to dust, and the garments of a traveller are *be-powdered* with the dust. In very many Anglo-Saxon, as well as modern English verbs, the prefix *be-* has no discoverable force, and in several instances we see

be- where the primitive word was compounded with the particle *ge-*. Our *believe*, for example, is the Anglo-Saxon *ge-lyfan*, (the German *glauben*) I do not know that the history of this change has been traced, but it took place very early, for *gereden*, a participial form, is the only word in Layamon with the prefix *ge-*, and it occurs in the *Ormulum* only in *gehatenn*, also a participle. The prefix *i-* (the Saxon participial and preterite augment *ge-*, possibly distinct from the prefix *ge-*, used with other forms) is met with in the *Ormulum* in one instance only, but in many cases in Layamon. The compound form *believe* does not occur in the *Ormulum* at all, *lesenn* and *trowwenn*, the modern *trou*, being employed instead; but it is often used in Layamon in different verbal and nominal forms, as *bileaf*, *bilef*, verbs, and *bilefue*, *bileue*, noun. *For-* (not to be confounded with *fore-*, as in *fore-tell*) seems to have corresponded nearly to the German *ver-* in all its various uses, and, as in the case of *be-*, its peculiar force is too subtle and variable to be fixed by definition.

LECTURE X.

VOCABULARY OF THE ENGLISH LANGUAGE.

1. The relations between man and his speech § 2 Unity of national language
 § 3 Language and character - § 4 Ethical character of words
 § 5 Religious terms § 6 Vague words. § 7 Reaction of words.
 § 8 Moderation in language

III.

1. THE aphorism, popularly, but perhaps erroneously, ascribed to Bacon, "The style is the man," is a limited application of the general theory, that there is such a relation between the mind of man and the speech he uses, that a perfect knowledge of either would enable an acute psychological philologist to deduce and construct the other from it. The distinctive characteristics of nations or races employing different tongues, so far as we are able to account for them, are due to causes external to the individual, though common in their operation to the whole people, such as climate, natural productions, modes of life dependent on soil and climate, or, in short, physical conditions.

We might then admit this theory, without qualification, if it were established that the language of a people is altogether a natural product of their physical constitution and circumstances, and that its character depends upon laws as material as those which determine the hue and growth of the hair, the colour of the eyes and nose, the musical quality of the human voice, or the inarticulate cries of the lower animals. But those who believe that there is in man something above organization, a spirit above nature, will be slow to allow that his only instrument for the outward manifestation of his highest intellectual energies and loftiest moral aspirations, as well as his sole means of systematic culture for the intellect and heart, can be the product of a mode of physical being which, though in some points superior in degree, is yet identical in kind with that shared also by the lowest of the brutes that acknowledge him as their lord and master. Nor is the theory in question at all consistent with observed facts, for while nations, not distinguished by any marked differences of physical structure or external condition, use languages characterized by wide diversities of vocabulary and syntax, individuals

in the same nation, the same household, even, display striking dissimilarities of person, of intellect, and of temper, and yet, in spite of perceptible variations in articulation, and in the choice and collocation of words, speak in the main not only one language, but one dialect. History presents numerous instances of a complete revolution in national character, without any radical change in the language of the people, and, contrariwise, of persistence of character with a great change in tongue. The forms of speech which the slavish, and therefore deservedly enslaved, Roman of the first century of our era employed in addressing Tiberius, were as simple and direct as those of a soldier would have been in conversing with his centurion in the heroic age of Regulus. The Iclander of the twelfth century carried the law of blood for blood as far as the Corsican or the Kabyle of the nineteenth, and when his honour was piqued, or his passions roused, he was as sanguinary in his temper as the Spaniard, the Anizeh-Arab, or the Ashantee. His descendants, speaking very nearly the same dialect, are so much softened in character, that violence is almost unknown among them, and when, a few years since, a native was condemned to death, not one of his countrymen could be induced to act as the minister of avenging justice. On the other hand, it would be difficult to make out any difference of character, habits, or even ethical system, between the Bedouin of the present day and his ancestors in the time of Abraham and of Job, and yet his language has unquestionably undergone many great changes.

The relations between man and his speech are not capable of precise formulation, and we cannot perhaps make any nearer approach to exact truth than to say, that while every people has its general analogies, every individual has his peculiar idiosyncrasies, physical, mental, and linguistic, and that mind and speech, national and individual, modify and are modified by each other, to an extent, and by the operation of laws, which we are not yet able to define, though, in particular instances, the relation of cause and effect can be confidently affirmed to exist.

§ 2. But, in the midst of this uncertainty, we still recognize the working of the great principle of diversity in unity, which characterizes all the operations of the creative mind, and though every man has a dialect of his own, as he has his own special features of character, his distinct peculiarities of shape, gait, tone, and gesture, in short, the individualities which make him John and not Peter, yet, over and above all these, he shares in the general traits which together make up the unity of his language, the unity of his nation. "Unity of speech," says a Danish writer, "is a necessary condition of the independent development of a people, and the coexistence of two languages in a political state is one of the greatest national misfortunes. Every race has its own organic growth, which unpresses

its own peculiar form on the religious ideas and the philosophical opinions of the people, on their political constitution, their legislation, their customs, and the express on of all these individualities is found in the speech. In this are embalmed that to which they have aspired, that to which they have attained. There we find the record of their thought, its comprehension, wealth, and depth, the life of the people, the limits of their culture, their appetencies and their antipathies, whatsoever has germinated, fructified, ripened, and passed away among them,—yes, even their shortcomings and their trespasses. The people and their language are so con-natural, that the one thrives, changes, perishes with the other.” So far our author, and, with the allowances to be made for the exaggeration into which writers are often led by their enthusiasm for their subject, his views are entitled to general concurrence. We think by words, and therefore thought and words cannot but act and react on each other. As a man speaks, so he thinks, and as a man thinketh in his heart so is he.

// It is evident, therefore, that unity of speech is essential to the unity of a people. Community of language is a stronger bond than identity of religion or of government, and contemporaneous nations of one speech, however formally separated by differences of creed or of political organization, are essentially one in culture, one in tendency, one in influence. The fine patriotic effusion of Arndt, “Was ist des Deutschen Vaterland?” was founded upon the idea that the oneness of the Deutsche Zunge, the German speech, implied a oneness of spirit, of interest, of aims, and of duties, and the universal acceptance with which the song was received was evidence that the poet had struck a chord to which every Teutonic heart responded. The national language is the key to the national intellect, the national heart, and it is the special vocation of what is technically called philology, as distinguished from linguistics, to avail itself of the study of language as a means of knowing, not man in the abstract, but man as collected into distinct communities, informed with the same spirit, exposed to the same moulding influences, and pursuing the same great objects by substantially the same means. We are certainly not authorized to conclude that all the individuals of a nation are altogether alike because they speak the same mother-tongue, but their characters presumably resemble each other as nearly as the fragments of the common language which each has appropriated to his own use. Every individual selects from the general stock his own vocabulary, his favourite combinations of words, his own forms of syntax, and thus frames for himself a dialect, the outward expression of which is an index to the inner life of the man. No two Englishmen, Germans, or Frenchmen speak and act in all points alike, yet in the character, as well as in speech, they would generally be found to have more points of sym-

pathy and resemblance with each other, than either of them with any man of a different tongue.

§ 3. The relations between the grammatical structure or general idiom of a language, and the moral and intellectual character of those who speak it, are usually much more uncertain and obscure than the connexion between the particular words which compose their stock, and the thoughts, habits and tendencies of those who employ them. Except under circumstances where our mouths are sealed, and our thoughts suppressed, from motives of prudence, of delicacy, or of shame, the names of the objects dearest to the heart, the expression of the passions which most absorb us, the nomenclature of the religious, social, or political creeds or parties to which we have attached ourselves, will most frequently rise to the lips. Hence it is the vocabulary and the phraseological combinations of the man, or class of men, which must serve as the clue to guide us into the secret recesses of their being, and in spite of occasional exceptions, apparent or real, it is generally true that our choice of words, as also of the special or conventional meanings of words, is determined by the character, the ruling passion, the habitual thoughts,—by the life, in short, of the man; and in this sense Ben Jonson uttered a great and important truth when he said, “Language most shows a man: speak that I may see thee! It springs out of the most retired and inmost parts of us, and is the image of the parent of it, the mind. No glass renders a man’s form and likeness so true as his speech.”

But there is much risk of error in the too-extended application of this criterion. In two cases only can we be justified in condemning a people upon the strength of indications furnished by their language alone. The one is that of the voluntary, or at least the *free*, selection of a debased or perverted diction, when a higher and purer one is possible, the other, that of the non-existence of words expressive of great ideas, and this will generally be found coupled with an abundance in terms denoting, and yet not stigmatizing, gross and wicked acts and passions.

There are cases where the crimes of rulers are mirrored in the speech of their subjects,* others, where governments, by a long course of corruption, oppression, and tyranny, have stamped upon the language of their people, or at least upon its temporary conventionalities, a tone of hypocrisy, falsehood, baseness, that clings to the tongue, even after the spirit of the nation is emancipated, and it is prepared to vindicate, by deeds of heroism, the rights, the principles, the dignity of its manhood.

* “Tis you that say it, not I You do the deeds,
And your ungodly deeds find me the words.”

SOPHOCLES, as translated by Milton.

I think the language of Italy is a case in point. Landor argues the profound and hopeless depravity of the Italians from the abject character of their complimentary and social dialect, and the phraseology expressive of their relations with their rulers or other superiors, as well as from the pompous style by which they magnify the importance of things in themselves insignificant, and their constant use of superlatives and intensives, with reference to trifling objects and occasions. Were it true that the Lombards, the Piedmontese, the Tuscans, and the Romans of the present day had not inherited, but freely adopted, the dialect, of which Landor gives a sort of anthology, it would argue much in favour of his theory. A bold, and manly, and generous, and truthful people certainly would not choose to say *umiliare una supplica*, to humiliate a supplication, for, to present a memorial, to style the strength which awes, and the finesse which deceives, alike, *onestà*, honesty or respectability, to speak of taking human life by poison, not as a crime, but simply as a mode of facilitating death, *ajutare la morte*, to employ *pellegrino*, foreign, for admirable, to apply to a small garden and a cottage the title of *un podere*, a power; to call every house with a large door, *un palazzo*, a palace, a brass ear-ring, *una gioja*, a joy, a present of a bodkin, *un regalo*, a royal munificence, an alteration in a picture, *un pentimento*, a repentance, a man of honour, *un uomo di garbo*, a well-dressed man; a lamb's fry, *una cosa stupenda*, a stupendous thing; or a message sent by a footman to his tailor, through a scullion, *una ambasciata*, an embassy.

We must distinguish between cases where words expressive of great ideas, mighty truths, do not at all exist in a language, and those where, as in Italy, the pressure of external or accidental circumstances has compelled the disuse or misapplication of such, and the habitual employment of the baser part of the national vocabulary. Where grand words are found in a speech, there grand thoughts, noble purposes, high resolves exist also, or at the least the spark slumbers, which a favouring breath may kindle into a cherishing or a devouring flame.

Every individual is, in a sense, a natural product of the people to whom he belongs, and the brave and good, who so long pined in the dungeons of Naples and of Rome, are a sufficient proof that the oppression which has lopped the flower, has failed to extirpate the root, of Italian virtue.

§ 4 For the purposes of intellectual, moral, and especially religious culture, a speech must possess appropriate words for the expression of all mental, ethical and spiritual states and processes, and where such a nomenclature is totally wanting, there is no depth of depravity which we are not authorized to infer from so deplorable a deficiency.

of the means of apprehension, reflection, and instruction, concerning the cardinal interests and highest powers and perceptions of humanity. It is in the non-existence of words of this class, that missionaries, and other teachers of Christianity and civilization, have found the most formidable obstacles to the propagation of intellectual and religious light and truth among the heathen. Even the Greek, with all its wealth of words, had, as Wesley long ago observed, no term for the Christian virtue of *humility*, until the great Apostle framed one for it, and for this the moral poverty of the classic speech compelled him to resort to a root conveying the idea, not of self-abasement in the consciousness of utter unworthiness in the sight of a pure and holy God, but of positive debasement, meanness, and miserableness of spirit *

FIN Let us suppose a people cursed with a speech which had no terms corresponding to the ideas of holiness, faith, veneration, conscience, truth, justice, dignity, love, mercy, benevolence, or their contraries. Could its moral teachers frame an ethical system founded on qualities whose very existence their language, and of course the conscious self-knowledge of the people, did not recognize? Could they enforce the duty of truthfulness in word and deed; of a reverential deference to what is great and worthy in man; of love and adoration for the immeasurably higher and better attributes of the Deity; of charity, of philanthropy, of patience, and of resignation, in a tongue which possessed no terms to denote the moral and the religious virtues? But even these alone would not render a language an adequate medium for the communication of all moral doctrine. Men must learn to fear, hate and abhor that which is evil, as well as to love and follow after that which is good; and to this end, the vices, as well as the virtues, must have names by which they can be described and held up as things to be dreaded, loathed and shunned. We regard the Hebrew-Greek diction of the New Testament as eminently plain and simple, and so indeed it is, as compared with the general dialect of Greek literature; but what a richness of vocabulary does it display with respect to all that concerns the moral, the spiritual, and even the intellectual interests of humanity! What a range of abstract thought, what an armoury of dialectic weapons, what an enginery of vocal implements for operating on the human soul, do the Epistles of the learned Paul exhibit! The Gospel of the unschooled John throws forward most conspicuously another phase of language; for, as Paul appeals to the moral, through the intellectual faculties, John, on the other hand, finds his way to the head by the channel of the heart, and his diction is of course in great part composed of the words which describe or

* Ταπεινότης occurs in Acts xx. 19, Eph. iv. 2, Phil. ii. 3, Col. iii. 12 1 Pet. v. 5.

excite the sensibilities, the better sympathies of our nature. Now the respective dialects of these two apostles could have existed only as the result of a long course of mental and religious training in the races who used the speech employed by them, and where such training has not been enjoyed, there no such vocabulary can be developed, and of course no such doctrine expressed.

Hence the translation of the Bible into the tongues of nations of low moral training has been found a matter of exceeding difficulty, and, in many instances, the translators have been obliged to content themselves with very loose approximations to the expression of the religious ideas of Christianity, with mere provisional phrases, which they necessarily employ for the time, and until, with more advanced mental culture, there shall grow up also a greater compass of vocabulary, and a fuller development of a dialect suited to convey moral as well as intellectual truth. And hence it is that in the propagation of a religion which appeals so powerfully to the thought, the sympathies and the conscience of men, education and Christianization must go hand in hand, for the teacher cannot reach the heart of his pupil until they have mutually aided each other in creating a common medium, through which they can confer on the deep matters of moral and spiritual truth.

The French boast that they have no word for *bribe*, and hence argue that they are less accessible than other men to that species of official corruption of which a pecuniary, or other material consideration, is the reward. But has not the reproach implied in the very word a useful influence in bringing the act to the consciousness of men as a shame and a sin? Can we fully comprehend the evil character of a wrong, until we have given it a specific objective existence by assigning to it a name, which shall serve at once to designate and condemn? And do not the jocular *pot de vin*, and other vague and trivial phrases, by which, in the want of a proper term to stigmatize the crime, French levity expresses is, indicate a lack of sensibility to the heinous nature of the transgression, and gloss over, and even half commend, the reception of unlawful fees, as at worst but a venial offence, the disgrace of which lies more in the detection than in the commission?*

§ 5 I drew your attention, on a former occasion, to the remarkable

* When Justinian negotiated with the Persian ambassador Ishaganes that shameful convention by which he purchased a truce of five years for two thousand pounds of gold, it was at first proposed that the money should be paid in annual instalments of four hundred pounds, but, upon further consideration, it was thought better to pay the whole at once, in order that it might be called a present, rather than a tribute. Τα γὰρ ἀλγυρὰ ὁ δούνα, καὶ προσέτι, οὐδ' ἀπράγματα, εὐάρεστον ἑταίροις ἐκ τοῦ ἐν πλεῖστον ἀποχρίσασθαι.—*De Bell Goth* iv. c. xv

completeness of the technical vocabulary of Christianity in Anglo-Saxon, as exemplified in the old translation of the Gospels; and I think it is much to be regretted that the great English theologians of the sixteenth and seventeenth centuries did not endeavour, at a period when it would have been comparatively easy, to infuse a still larger proportion of the native element into the moral and spiritual nomenclature they adopted. The extent to which Latin was used in theology by the Saxons themselves, seriously interfered with the formation of a vocabulary adapted to the metaphysics of Christianity, and we must remember that, as Latin was the only common language, and practicable means of communication, between the English Reformers and their teachers and brethren on the Continent, the dialect of the former could hardly fail to be affected by the religious nomenclature of the latter.

We have, nevertheless, and exclusively employ, many remarkable native English words to express the highest and most complex order of religious ideas, and the frequency and familiarity of their use implies an advanced spiritual culture among the primitive English, a philosophical conception of Christian doctrine, and a strong native susceptibility to religious impressions, as well as a remarkable power of apprehending abstruse principles, and of course a high standard of moral and intellectual character.

The word *atonement*, certainly one of the most important terms in the nomenclature of Christianity, is purely English, although its ending is French. The historical evidence is very strongly in favour of the etymology *at one*, and accordingly the derivative should mean either the reconciliation of man to his Creator, or a oneness of spirit between the two.* But this is not the usual theological sense, and the resemblance between *atone* and the German *Sühne*, and several older Gothic roots which involve the notion of expiation, furnishes some reason to suspect that the real origin of the word lies further back, though we cannot trace it to any known Saxon radical.

* Robert of Gloucester has *at on*, in the sense of *agreed, reconciled* —

"Wat halt it to telle longe I bute heo were seþþe *at on*,
In gret loue longe y now, wan yt nolde oþer gon."—P. 161.

"So that the king & he
Were there so *at on* as hif mizte biſc"—P. 509.

Many similar examples may be found in other early English writers. I have not observed the noun *atonement* in any writer before Tyndal (1526), who employs it in Romans v. 11. It is not found in the Wycliffite versions, I believe. Coverdale (1535) uses it, in Exodus xxx 33, Leviticus iv. 20, 26, Romans v. 11, and in several other passages. It also occurs in the Life of Edward V., ascribed to Sir Thomas More in Harveng's *Chronicle*, 1543. p. 476 of Ellis's reprint

God, good, holy, bad, evil, sin, wicked, right, wrong, love, hate,* hope, wise, true, false,† life, death, soul, heaven, hell, and their many derivatives, are all genuine Anglo-Saxon, as are also many now obsolete words, belonging exclusively to the Christian religion, such as *housel*, for eucharist, *aneal*,‡ to administer extreme unction, though most of the words which Christianity ingrafted upon the religious vocabulary of Judaism, are in modern English represented by derivatives from Latin or Greek radicals

§ 6 Both the moral and the intellectual characteristics which the prevalence of Christian doctrine has impressed on modern civilized humanity, and the dialect belonging to that doctrine, are so special and peculiar, that the mutual relations between mind, and speech as the expression of mind, and as also a reagent upon it, in all matters connected with religion, are traced without any very serious difficulty, but the reciprocal influence of word and thought in other connexions, is, if not more obscure, at least less familiar. Take for example the tendency, in what are fashionable, and claim to be refined circles, to

* What a fine English definition of *hate* is that which Chaucer gives in the *ersones Tale* "Hate is old wraithe" It is, however, borrowed from Cæron —
 "Odium ira veterata."—*Tusc. Disp.* iv. 9

† We cannot perhaps make out an etymological relation between *f'oe* and any *Mæo-Gothic* root, unless we connect it with *faldan*, to fold Lat. *plicare*, allied to which are *simplex* and *duplex*, whence our *simplicity* and *duplicity*. But the word occurs very early in all the Scandinavian and Teutonic languages, and there are several native radicals from either of which it may be supposed to be derived, if indeed we are to believe that the name of so fundamental an idea as that of the false must necessarily be borrowed from any other word. Thre, in arguing against the etymology from the Latin *falsus*, regrets that he is obliged to recognize the word as indigenous, and exclaims, "Quam vellem in laudem gentis nostræ dici posse, illam in adversa et filiculi artes ne nominare quidem potuisse, antequam id a Latinis didicent!"—*Interl.* *Lex Sævo-Goth* under *falsk*.

The comparison of the moral significance of particular words in Anglo-Saxon and English presents many points of interest. A single one shall suffice. *Olf*, which is now a term of reproach, was, strange as it may seem in those *f'et days* of Young England, a respectful and even reverential epithet with the Anglo-Saxons; so much so, in fact, that it was the common designation of noble, exalted, and excellent things. *Ealdor* was often used for prince, ruler, governor, *ealdordom* was authority, magistracy, principality, *ealdorlede*, principal, excellent, *ealdor-apostole* chief-apostle, *ealdor-burh*, chief city or metropolis, and *ealdorman*, nobleman.

‡ *Ele* or *æl*, the root of the word *areil*, is generally considered an Anglo-Saxon radical, but its resemblance in form and meaning to the Latin *olivetum* or rather to the Greek *ἐλαιον*, renders it probable that the name, as well as the thing (*olive oil*), found its way from Southern Europe into the Anglo-Saxon and the cognate languages and nations, at so early a period that the history of its introduction can be no longer traced. *Housel* (A. S. *husel*) has been supposed to be connected with the Latin *hostia*, but the occurrence of the word (*hunsl*) in *Ulphilas* seems to be a sufficient refutation of this etymology.

the use of vague and indefinite phrases, not so much to hide a deficiency of ideas, as to cover discreet reticences of opinion, or prudent suppressions of natural and spontaneous feeling. The practice of employing these empty sounds—they have no claim to be called words—is founded partly in a cautious desire of avoiding embarrassing self-committals, and partly in that vulgar prejudice of polite society, which proscribes the expression of decided sentiments or admiration, approval or dissatisfaction, or of precise and definite opinions upon any subject, as contrary to the laws of good taste, indicative of a want of knowledge of the world, and, moreover, arrogant and pedantic. In this notion there is just enough of truth to disguise the falsehood of the theory, and to apologize for the mischievous tendencies of the practice. Doubtless, if we have no clear, decided, and well-grounded opinions, no ardour of feeling, and no convictions of duty in reference to the subject of conversation, we should modestly avoid the use of pointed language, and, at the same time, a due regard for the feelings, the prejudices, the ignorance, of others, will dictate a certain reserve and caution in the expression of opinions or sentiments which may wound their pride, or violently shock their prepossessions.

But the habit of using vague language at all, and especially the current devices for hinting much while affirming nothing, are in a high degree injurious both to precision and justness of thought, and to sincerity, frankness, and manliness of character. Every vague and uncertain proposition has its false side, and the confusion of thought it implies is not more offensive to good taste, than its deceptive character to sound morality, and than both to true refinement.

§ 7. There is a fact of immense moral significance which seems to have been only in modern, indeed in comparatively recent times, brought into notice, and made matter of distinct consciousness, though accessible to the observation of men ever since words first had a moral meaning. Its discovery is perhaps connected with the increased attention which individual words, their form and force, have received in the study of the philosophy of language. It is one of those instances where, in the progress of humanity, we come suddenly upon the outcrop of one of those great truths which, like some rock-strata, extend for many days' journey but a few inches beneath the surface, and then burst abruptly into full view.*

The fact to which I allude is that language is not a dead, inelastic, passive implement, but a power, which, like all natural powers, reacts on that which it calls into exercise. It is a psycholo-

* Thus the iniquity of the slave-trade war suddenly brought home, as a sin, to the conscience of otherwise good men, who had for many years pursued it without one reproachful feeling, the thought of its cruel and wicked nature.

gical law, though we know not upon what ultimate principle it rests, that the mere giving of verbal utterance to any strong emotion or passion, even if the expression be unaccompanied by any other outward act, stimulates and intensifies the excitement of feeling to that degree that, when the tongue is once set free, the reason is dethroned, and brute nature becomes the master of the man.* The connexion between the apparently insignificant cause and the terrible effect belongs to that portion of the immaterial man, whose workings, in so many fields of moral and intellectual action, lie below our consciousness, and can be detected by no effort of voluntary self-inspection. But it is an undoubted fact, and a fact of whose fearful import most men become adequately aware only when it is almost too late to profit by the knowledge, that the forms in which we clothe the outward expression of the emotions, and even of the speculative opinions, within us, react with mighty force upon the heart and intellect which are the seat of those passions and those thoughts. So long as we have not betrayed by unequivocal words the secret of the emotions that sway the soul, so long as we are uncommitted by formal expressions to particular principles and opinions, so long we are strong to subdue the rising passion, free to modify the theories upon which we aim to fashion our external life. Fiery words are the hot blast that inflames the fuel of our passionate nature, and formulated doctrine a hedge that confines the discursive wandering of the thoughts. In a personal altercation, it is most often the stimulus men give themselves by stinging words, that impels them to violent acts, and in argumentative discussions, we find the most convincing support to our conclusions in the internal echo of the dogmas we have ourselves pronounced. Hence extreme circumspection in the use of vituperative language, and in the adoption of set phrases implying particular opinions, is not less a prudential than a moral duty, and it is equally important that we strengthen in ourselves kindly sympathies, generous impulses, noble aims, and lofty aspirations, by habitual freedom in their expression, and that we confirm ourselves in the great political, social, moral, and religious truths, to which calm investigation has led us, as final conclusions, by embodying them in forms of sound words.

§ 8 Although our inherent or acquired moral and intellectual character and tendencies, and our habitual vocabulary and forms of speech, are influential upon each other, and though both are subject

* Spenser was not ignorant of this important law —

‘ But his enemie
Had kindled such coles of displeasure,
That the goodman noulde stave his leasure,
But heme him hasted with furious braye,
Encreasing his wrath with many a threace.’

The Shepheardes Calendar (February), 1594.

to the control of the will, yet, nevertheless, their reciprocal action is not usually matter of consciousness with us. While therefore we are *free* in the employment of particular sets of words, yet, as the selection of those words depends upon obscure processes, unintelligible even to ourselves, we cannot be said, in strict propriety of speech, to choose our dialect, though we are undoubtedly responsible for its moral character, because we are responsible for the moral condition which determines it. So limited is our self-knowledge in this respect, that most men would be unable to produce a good caricature of their own individual speech, and the shibboleth of our personal dialect is generally unknown to ourselves, however ready we may be to remark the characteristic phraseology of others. It is a mark of weakness, of poverty of speech, or at least of bad taste, to continue the use of pet words, or other peculiarities of language, after we have once become conscious of them as such. In dialect as in dress, individuality, founded upon anything but general harmony and superior propriety, is offensive, and good taste demands that each shall please by its total impression, not by its distinguishable details.



LECTURE XI

VOCABULARY OF THE ENGLISH LANGUAGE.

§ 1. Professional dialect. § 2 New uses of words. § 3 Special uses of words Winter, Pecuniary, Chattels. § 4 Corn, Meat, Flesh, § 5 Bribe. § 6. Soldier § 7 Mystery § 8 Colloquial corruptions. § 9 Moral corruption of words.

IV.

§ 1. I ENDEAVOURED in the last lecture to point out some of the relations between the moral and intellectual character of nations or individuals and the words of a given language employed at particular periods, by the people or the man. But speech is affected also by humbler, more transitory, and more superficial influences, and, whatever care we may exercise in this respect, it is scarcely possible that our ordinary discourse should not exhibit indelible traces of the associations and accidents of childhood, as well as of the occupations and the cares, the objects and studies, the maternal or social struggles, the triumphs or defeats, and, in short, all the external conditions that affect humanity in riper years. Every mode of life, too, has its technical vocabulary, which we may exclude from our habitual language, its *cant* which we cannot, and hence an acute observer, well schooled in men and things, can read in a brief casual conversation with strangers much of the history, as well as of the opinions, and the principles of all the interlocutors.

Writers of works of fiction are much inclined to represent their characters as constantly employing the language of their calling, and as prone to apply its technicalities to objects of an entirely diverse nature. Now this may, in the drama, where formal narrative, description and explanation of all sorts are to be avoided, serve as a convenient conventional mode of escaping the asides, the soliloquies, the confidential disclosures of the actor to his audience respecting his character, position, and purposes, and the other awkward devices to which even the expertest histrionic artisans are sometimes obliged to resort, to make the action more intelligible. It is better that a character in a play should use professional phrases, by way of indicating his occupation, than that he should tell the audience in set words, "I am a merchant, a physician, or a lawyer," but after all, considered as a representation of the actual language of life, it is a

violation of truth of costume to cram with technical words the conversation of a technical man.* All men, except the veriest, narrowest pedants in their craft, avoid the language of the shop, and a small infusion of native sense of propriety prevents the most ignorant labourer from obtruding the dialect of his art upon those with whom he communicates in reference to matters not pertaining to it. Every man affects to be, if not socially above, yet intellectually independent of and superior to, his calling, and if in this respect his speech bewray him, it will be by words used in mere joke, or by such peculiarities of speech as, without properly belonging to the exercise of his profession, have nevertheless been occasioned by it. A sailor will not be likely to interlard his go-ashore talk with clew-lines, main-sheets, and halliards, but if he has occasion to mention the great free port at the head of the Adriatic, he will call it not Trieste, but *Tryeast*; and if an American speaks of his commercial representative at a maritime town, he will be sure to style that official the American *counsel*, not the American consul. In fact, classes, guilds, professions, borrow their characteristics of speech from the affectations, not the serious interests, of their way of life.

Technical nomenclature rarely extends beyond the sphere to which it more appropriately belongs, and the language of a nation is not perceptibly affected by the phraseology of a class, unless that class is so numerous as to constitute the majority, or unless its interests are of so wide-spread and conspicuous a nature as to be forced upon the familiar observation of the whole people. England has been distinguished above all the nations of the earth for commercial enterprise and mechanical production, but her navigation is confined to the sea-coast, her manufacturing industry to comparatively restricted centres. Of course, so far as foreign trade and domestic fabrics are concerned, the names of the new objects which they have brought to the notice of all English-born people, have become familiar to all, but, nevertheless, we do not find that metaphors from the dialect of the sea, or technicalities from the phraseology of the workshop, are much more frequent in the literature or popular speech of England than in those of countries with little navigation or mechanical industry. On the other hand, figures drawn from agriculture, which is universal, and from those arts which, like spinning and weaving, the fishery and the chase, in early stages of society entered into the life of every household, are become essential elements of both the poetical and the every-day dialect of every civilized people.

* King James, in his treatise of the Art of Scottis Poesie, lays down a contrary rule—

“And finally, quhatsumever be your subiect, to vse *vocabula artis*, quhairby ze may the mar vivelie represent that persoun, quais part ze paint out.”—Chap. iii.

§ 2 In language, general effects are produced only by causes general in their immediate operation. Nor is the fact that new words, originated by causes local in their source and apparently trivial and transitory in action, not unfrequently pass into the common vocabulary of the nation, at all in conflict with this principle, for, in such cases, the general reception of the word is indicative of a general want of it, to express some common idea just making its way into distinct consciousness, and waiting only for a formula, an appropriate mode of utterance.

Whenever a people, by emigration into a different soil and climate, by a large influx of foreigners into its territory, by political or religious revolutions, or other great and comprehensive social changes, is brought into contact with new objects, new circumstances, new cares, labours, and duties, it is obviously under the necessity of framing or borrowing new words, or of modifying the received meaning of old ones, in such way as to express the new conditions of material existence, the new aims and appetencies, to which the change in question gives birth.

An illustration may be found in the speech of the United States. At the period when European colonists first took possession of the Atlantic coast of America, natural history had taught men little of the inexhaustible variety of the material creation. The discoverers expected to find the same animals, the same vegetables, the same minerals, and even the same arts, with which observation had made them familiar in corresponding latitudes of the eastern hemisphere. They came therefore prepared to recognize resemblances, not to detect differences, between the products of the old world and those of the new, and naturally saw what they sought and expected. Their early reports accordingly make constant mention of plants, animals, and mechanical processes, as of common occurrence in America, but which we now know never to have existed on that continent. Longer acquaintance with the nature and art of the newly-discovered territory corrected the errors of the first hasty observation; but there was still, though almost never an identity, yet often a strong analogy, between the trees, the quadrupeds, the fish, and the fowl of England, of France, and of Spain, on the one hand, and of Canada, New England, Virginia, and Mexico, on the other. The native names for all these objects were hard to pronounce, harder still to remember, and the colonists, therefore, took the simple and obvious method of applying to the native products of America the names of the European plants and animals which most nearly resembled them. Thus, we have the oak, the pine, the poplar, the willow, the fir, the beech, and the ash; the trout, the perch, and the dace, the bear, the fox, and the rabbit, the pigeon, the partridge, the robin, and the sparrow; and in South America, the lion and the ostrich, and yet, though the

American and the European objects designated by these names in many instances belong to the same genus, and are only distinguished by features which escape all eyes but those of the scientific naturalist, in perhaps none are they specifically identical, while, not unfrequently, the application of the European name is founded on very slight resemblances.

Since the Norman Conquest, English, as spoken upon its native soil, has been largely exposed to but one of the causes of change which I have noticed. I refer, of course, to the great religious revolution of the sixteenth century, which I believe to be the most powerful of the single influences that have concurred to give to the English race and their speech the character which now distinguishes them, as well from the rest of the world as from their former selves. At the same time, in all the Gothic languages, our own included, both the special vocabulary of each, and the use and signification of the words they possess in common, have been much affected by other causes, partly peculiar to one or more, partly acting alike upon all.

§ 3. Take as an instance the word winter. When Icelandic was spoken in all the countries of Scandinavia, time was computed by winters, because in those cold climates the winter monopolized a large portion of the year, and from its length, its hardships and necessities, its boisterous festivities, the facilities it afforded for the pursuit of certain important occupations and favourite sports, and the obstacles it interposed to the prosecution of others, it impressed itself on the minds of the people as not only the longest, but the weightiest portion of the twelvemonth, and it therefore stood for the whole year. For the same reason, winter was a very common word for year in Anglo-Saxon, and it continued to be employed in that sense in English to near the close of the fifteenth century. In Iceland itself, where there is little change in the habits of material and social life, it is still thus used. But in modern England, Denmark, Sweden and Norway, the advancement of civilization and physical improvement has given to man the mastery over all the seasons. The campaigns of feudal warfare, whose marches were performed with greater ease over ice and snow, have ceased; the chase, a winter occupation, is no longer an important resource; agriculture has widely extended her domain, and the harvest months are the great epoch of the year, and characterize it as a period of trial or of blessings. Accordingly, in all these kingdoms men now count time not by winters, but by harvests, for that is the primitive signification of our English word year, and its representative in the cognate languages*. In the figurative style, whether in poetry or in prose, we

* I am aware that this is not the received etymology of year, nor do I propose it with by any means entire confidence. At the same time, I think the

often put a season for the year, and in this case the subject determines the choice of the season. Thus, of an aged man we say, "His life has extended to a hundred winters," but in speaking of the years of a blooming girl, we connect with them images of gladness, the season of flowers, and say, "She has seen sixteen summers." We have in English a similar application of another familiar word suggestive of the phases of the year, and it is curious that the same expression is used in Scandinavia. In Denmark and Sweden, as well as in England, the gentlemen of the chase and the turf reckon the age of their animals by springs, the ordinary birth-season of the horse, and a colt is said to be so many years old next *grass*.

Our adjective *pecuniary* is familiarly known to be derived from the Latin *pecunia*, money, which itself comes from *pecus*, cattle, and acquired the meaning of money, because money is the representative of property, and in early society cattle constituted the most valuable species of property; or, as others suppose, because a coin, which was of about the average value of one head of sheep or kine, was stamped with the image of the creature. Our English word *cattle* is derived, by a reverse process, from the Low-Latin *catalla*, a word of unknown etymology, signifying moveable property generally, or what the English law calls *chattels*. In Old English, *cattle* had the same meaning, and it is but recently that it has been confined to domestic quadrupeds as the most valuable of ordinary moveable possessions*.

§ 4. In a former lecture, by way of illustrating my views of the value of etymology as pursued by what may be called the simple-historical, in distinction from the more ambitious linguistic, method, I traced the word *grain* from its source, through its secondary, to its present signification, in one of its senses. *Corn*, the Gothic etymological equivalent of *grain*, has also an interesting history, and it serves as a good exemplification of the modifications which the use and meaning of words undergo from the influence of local conditions. Like *granum*, it signifies both a seed and a minute particle, and the two words are not so unlike in form as to make it at all im-

identity of the words for harvest and for the twelvemonth, &c. in the cognate Icelandic and the dialects derived from it, an argument of considerable weight in support of the derivation, which, however, finds still stronger evidence in the analogies of our primitive mother-tongue. In Anglo-Saxon, *earf* signifies an ear of grain, and by supplying the collective prefix *ge*, common to all the Teutonic languages we have *gear*, an appropriate expression for *harvest* and at the same time a term which, as well as *winter*, was employed as the name of the entire year. The corresponding words in the cognate languages admit of a similar derivation, and this to me seems a more probable etymology than those by which these words are connected with remoter roots. See Notes and Illustrations (A) on the Etymology of 'Harvest.'

* See Notes and Illustrations (B), On the Etymology of 'Cattle.'

probable that they are derived from a common radical, in some older cognate language, allied to the verb to *grow*, and originally meaning *seed*. Corn was early applied, as a generic term, to the cereal grains or breadstuffs, the most useful of seeds, and in fact almost the only ones regularly employed as the food of man. The word is still current in all countries where the Gothic languages are spoken, but its signification is, in popular use, chiefly confined to the particular grain most important in the rural economy of each. Thus in England, wheat, being the most considerable article of cultivated produce, is generally called corn. In most parts of Germany this name is given to rye, in the Scandinavian kingdoms, to barley; and in the United States, to the great agricultural staple, maize, or Indian corn; the name in every instance being habitually applied to the particular grain on which the prosperity of the husbandman and the sustenance of the labourer chiefly depend.

In the countries bordering on the Mediterranean, and in other warm climates, animal food is not much used, and bread is emphatically the staff of life. Hence in those nations, as with the ancient Romans, the word bread stands for food generally, other edibles being considered a mere relish or accompaniment, and this is still true of some colder climates, where the poverty of the labouring classes confines them in the main to a like simple diet. The English figurative use of *bread* for the same purpose, however, is not founded on the habits of the people, but is borrowed from other literatures. The word *meat* has undergone a contrary process. The earliest occurrence of this word in any cognate language is the form *mats* in Ulphilas, where it signifies food in general. The Swedish verb *matta*, to satiate or satisfy, and other allied words, suggest the probability that the original sense of the radical, in its application to food, was that which satisfies hunger,* though it must be confessed that great uncertainty attends all attempts to trace back words essentially so primitive to still simpler forms and less complex significations. The Anglo-Saxon and oldest English meaning of *meat* is food, and I believe it is always used in that sense in our English translations of the Bible. In England, and especially in the United States, animal food is now the most prominent article of diet, and *meat* has come to signify almost exclusively the flesh of land animals.

The primitive abundance of the oak and of nut-bearing trees in England, and the northern portions of Continental Europe, facilitated

* The Mæso-Gothic *matjan*, to eat, is more probably a derivative, than the primitive, of *mats*, and, if so, corresponds to our verb to *feed* upon. On the other hand, the resemblance between *matjan* and the Latin *masticare* would seem to refer both verbs and their derivatives to a root expressive of the mechanical process of eating.

the keeping of swine to an extent which, now that the forests have been converted into arable land, is neither convenient nor economically advantageous, and the flesh of swine constituted a more important part of the aliment of the people than that of any other domestic animal. The word flesh appears to have originally signified pork only, and in the form, a *flitch* of bacon, the primitive sense is still preserved, but, with the extension of agriculture, the herds of swine became less numerous, and as the flesh of other quadrupeds entered more and more into use, the sense of the word was extended so as to include them also. Flesh and meat have now become nearly synonymous, the difference being, that the former embraces the fibrous part of animals generally, without reference to its uses, the latter that of such only as are employed for human food. At present we use, as a compendious expression for all the materials of both vegetable and animal diet, *bread and meat* Piers Ploughman says.

"*Flesshe* and breed bothe
To riche and to poore,"

and a verse or two lower,

"And all manere of men
That through *mete* and *drynke* libbeth"

§ 5 The English word *bribe* and its derivatives, generally, but perhaps erroneously, traced to the French bribe, a morsel of bread, a scrap or fragment, present an interesting instance of a change of meaning. Bribery, in old English, meant not secret corruption, but theft, rapine, open violence, and very often official extortion. Thus Juliana Berners, in her treatise of 'Fysshynge with the Angle,' in speaking of the injustice and cruelty of robbing private fish-ponds and other waters, says: "It is a ryght shamefull dede to any nobleman to do that that theuys and *brybours* done" Lord Berners, in his translation of Froissart, describes the captain of a band of the irregular soldiery called 'Companions,' as the "greatest *brybour* and robber in all Fraunce," and Palsgrave gives *I pull* and *I pyll* as synonyms of *I bribe*. At that dark period, the subject had "no rights which" his rulers "were bound to respect." The ministers of civil and ecclesiastical power needed not to conceal their rapacity, and they availed themselves of the authority belonging to their positions for the purpose of undisguised plunder. But when by the light, first of religious, and then of what naturally followed, civil liberty, men were able to see that it was of the essence of law, that it should bind the governors as well as the governed, him who makes, him who administers, and him who serves under it, alike, it became necessary for official robbery to change its mode of procedure, and mantle with the cloak of secrecy the hand that clutched the spoil.

But though the primitive form of this particular iniquity is gone, the thing remains, and the unlawful gains of power, once seized with strong hand, or extorted with menacing clenched fist, but now craved with open palm, are still *bribes*. Formerly the official extortioner or rapacious dignitary was styled a *briber*, and he was said to *bribe* when he boldly grasped his prey, but now the tempter is the *briber*, and the timid recipient is the *bribed*.*

§ 6. *Soldier*, from the Latin *solidus*,† the name of a coin, meant originally one who performed military service, not in fulfilment of the obligations of the feudal law, but upon contract, and for stipulated pay. *Soldier*, therefore, in its primary signification, is identical with *hireling* or *mercenary*. But the regular profession of arms is held to be favourable to the development of those generous and heroic traits of character which, more than any of the gentler virtues, have in all ages excited the admiration of men. Hence, since standing armies, composed of troops who serve for pay, have afforded to military men the means of a systematic professional training, including the regular cultivation of the traits in question, we habitually ascribe to the soldier qualities precisely the reverse of those which we connect with the terms *hireling* and *mercenary*, and though the words are the etymological equivalents of each other *soldier* has become a peculiarly honourable designation, while *hireling* and *mercenary* are employed only in an offensive sense.

§ 7. We may find in the cognate languages examples of changes of meaning dependent upon the same principles as these illustrations. Among the articles of merchandize supplied to the population of Denmark and Norway by the Hanse towns, during the commercial monopoly they so long enjoyed, one of the most important was common pepper, and the clerks in the Hanse trading factories in the

* Cranmer, *Instruction into Christian Religion*, Sermon VII, uses *bribe* in the modern sense. "And the iudge himselfe is a thefe before God, when he for *brybers* or any corruption doth wittingly and wyllingly give wrong iudgement." But, in Sermon X., he has this passage: "These rauenyng woulfes, that be euer thyrstnyge after other mennes goodes . . . lese the fauoure both of God and man, and ar called of euery man extorcioners, *brybers*, pollers and piellers, deuourers of widowes houses"

And in the *Instruction of Prayer*, on the Fourth Petition, "But they that delight in superfluitie of gorgyous apparel and deynfy fare . . . comenly do deceaue the nedye, *brybe*, and pyle from them."

† Etymologists of the Celtic school affirm that *soldat* is from the Celtic *souldar*, a feudal vassal bound to military service, and from *soldat* they derive the French *solde* and *solder*, and the German *Sold*, *besolden*; that is, they find the origin of a group of words, to every one of which the notion of *pay* is fundamental, in a word the proper sense of which excludes that notion, for the very essence of feudal obligation is that it requires service *without pay*. *Lucus à non lucendo*.

Scandinavian seaports were popularly called *Pebersvende*, *pepper-boys*. By the general regulations of the Hanse towns, these clerks were obliged to remain unmarried, and hence *Pebersvend*, *pepper-boy*, became, and is still, the regular Danish word for *single man*, or *old bachelor*.

The herring-fishery was long the most lucrative branch of the maritime industry of Holland, and was the means by which a large number of the inhabitants of that country acquired their livelihood. *Nering*, = German *Nahrung*, in Dutch signifies properly nourishment, sustenance, and, figuratively, the business or occupation by which men earn their bread. The importance of the pursuit of which we have just spoken made it emphatically the *nering*, or vocation of the Dutch seamen, and *ter nering varen* means to go on a fishing-cruise. The common English and American designation of bookselling and booksellers as *the trade* is a similar instance.

The Greek *μυστήριον* meant originally the secret doctrines and ceremonies connected with the worship of particular divinities. In the middle ages, the most difficult and delicate processes of many of the mechanical arts were kept religiously secret, and hence in all the countries of Europe those arts were themselves called *mysteries*, as mechanical trades still are in the dialect of the English law. Thus, when a boy is apprenticed to a tanner or a shoemaker, the legal instrument, or indenture, by which he is bound, stipulates that he shall be taught the art and *mystery* of tanning or shoemaking. Afterwards, mystery came to designate, in common speech, any regular occupation, so that a man's mystery was his trade, his employment, the profession by which he earned his bread,* and as men are most obviously classed and characterized by their habitual occupations, the question which so often occurs in old English writers, "What mister wight is that?" means, what is that man's employment, and, consequently, condition in life?—what manner of man is he? In French, the word has had a different history. From *mysterium*, in the sense of a trade or art, comes *métier*, of the same signification,† and because, in certain provinces, the art of weaving was the most important and gainful of the mechanic arts, first weaving, and then the implement by which it is exercised, received by way of excellence the name *métier*, which now signifies a *loom* ‡

* "In youthe he lerned hadde a good mistere,
He was a wel good wright, a carpentere"

Prologue to Canterbury Tales

† See Notes and Illustrations (C), *Etymology of "Mister" and "Métier."*

‡ Another example is supplied by the change of meaning in the Latin word *species*. See Notes and Illustrations (D)

§ 8. I have alluded to the remarkable fact, that words, like material substances, are changed, worn out, exhausted of their meaning, and at last rendered quite unserviceable, by long use. To this law, both their form and their signification are subject. In here speaking of form, I do not refer to grammatical changes of ending and inflexions, which will be the subject of future lectures, and which are in a great measure due to other causes, but to modifications produced by that negligence of treatment which is the result of close familiarity with any object. Examples of this are the abbreviated and otherwise mutilated pet names, by which servants, children, and intimate associates, are called. It may be laid down as a general rule, that words most frequently employed are hastily and carelessly pronounced, and that, in inflected languages, they are, with very few exceptions, irregular in form. In this way often grows up a distinction between the written and the spoken languages, which, in some cases, is carried so far that the formal rules of pronunciation observed by the best speakers in conversation, and in reading or in set discourse, are so different as almost to amount to a difference of dialect, and while he who reads as he speaks would shock by the vulgarity, another, who speaks as he reads, would scarcely less offend the hearer by the pedantic formality of his enunciation. In English, a distinction of this sort is not obligatory, but tolerated, and it is very commonly practised, though, among educated persons, not to such an extent as in some of the Continental languages. Thus, *don't* is very commonly used for *do not*, and, by careless speakers, even for *does not*, *I'll* and *you'll*, *I'd* and *you'd*, for *I will*, *you will*, *I would*, and *you would*, *isn't*, *arn't*, *haven't*, and *won't*, for *is not*, *are not*, *have not*, and *will not*. Indeed, we too often hear, in the conversation of persons from whom we have a right to expect better things, such sad distortions of words as *haint* and *aint*, and I am sorry to say that Charles Lamb has even committed this last transgression in writing, in one of his familiar letters to Coleridge. So long as departures from grammatical propriety of speech are merely allowable colloquialisms, not recognized changes in the normal form of words, they come rather within the jurisdiction of social authority, they are questions of manner, like the set phrases of complimentary salutation, and not entitled to consideration as exemplifications of the law of progress and revolution to which all human language is subject. Such licenses of speech rest on no ascertainable principle. I shall, therefore, not inquire into their essential linguistic character, or the extent to which they may be indulged in without infringing the laws of good taste, and I will dismiss them with the simple remark that they are substantially corruptions of language, and therefore to be employed as sparingly as possible.

§ 9. The changes of signification which words undergo in all

languages, from mere exhaustion by use, is a far more extensive and important subject. "Names and words," says Robertson, "soon lose their meaning. In the process of years and centuries, the meaning dies off them, like the sun-light from the hills. The hills are there, the colour is gone." It is melancholy to reflect that such changes in the signification of words are almost always for the worse. A word unfamiliar and dignified in one century, becomes common and indifferent in the next, trivial and contemptible in a third, and this degradation of meaning is too often connected with a moral decline in the people, if it does not flow from it. "That decay in the meaning of words," observes the same admirable sermonizer whom I have just quoted, "that lowering of the standard of the ideas for which they stand, is a certain mark [of the decay of elevated national feeling]. The debasement of a language is a sure mark of the debasement of a nation; the insincerity of a language, of the insincerity of a nation, for a time comes when words no longer stand for things, when names are given for the sake of a euphonious sound, and when titles are but the epithets of an unmeaning courtesy."

The thorough investigation of the principles of these changes would require more of psychological discussion, and a more abstruse vein of argument, than can fitly find place in a series of unmethodical and unscientific discourses, and I shall content myself with offering a couple of familiar illustrations, which may of themselves suggest important principles of language in its relation to ethics, without attempting to expound them. Let us take the adjective respectable. Respectable was originally, and in French, to the honour of that nation, still is, a term of high commendation, and was scarcely inferior in force, though not precisely equivalent in signification, to admirable in our present use of that word. At a later period it implied an inferior degree of worth, little above mediocrity, and now, with reference to intellect and morality, it has come to mean barely not contemptible, while, popularly, it is applied to every man whose pecuniary means raise him above the necessity of manual drudgery. Thus, in a celebrated criminal trial in England, when a witness was asked why he applied the epithet to a person of whom he had spoken as a "respectable man," he said it was because he kept a horse and gig.

So the much-abused term gentleman. This word originally meant, and still does in the French from which we borrowed it, not, as Webster supposes, a gentle or genteel man, but a man born of a noble family, or gens, as it was called in Latin. Persons of this rank usually possessed means to maintain an outward show of superior elegance, and leisure to cultivate the graces of social life, so that in general they were distinguished above the labouring class by a more prepossessing exterior, greater refinement of manners, and a more

tasteful dress. As their wealth and legal privileges diminished with the increasing power and affluence of the citizens of the trading towns, there was a gradual approximation, in both social position and civil rights, between the poorer gentleman and the richer burgesses, until at last they were distinguished by nothing but family names, as indicative of higher or lower origin. The term gentleman was now applied indiscriminately to all persons who kept up the state and observed the social forms which had once been the exclusive characteristics of elevated rank. Theoretically, elegance of manner and attainment in the liberal arts should imply refinement of taste, generosity of spirit, nobleness of character, and these were regarded as the moral attributes specially belonging to those possessed of the outward tokens by which the rank was recognized. The advancement of democratic principles in England and America, has made rapid progress in abolishing artificial distinctions of all sorts. Every man claims for himself, and popular society allows to him, the right of selecting his own position, and consequently in those countries every man of decent exterior and behaviour assumes to be a gentleman, in manners and in character, and, in the ordinary language of life, is both addressed and described as such.

It is much to the credit of England, that popular opinion in a remote age attached higher importance to the moral than to the material possessions of the gentleman, and accordingly we find that as early as the reign of Edward III. the word had already acquired the meaning we now give it, when we apply to it the best and highest sense of which it is susceptible. In Chaucer's 'Romaunt of the Rose' there occurs a passage well illustrating this feeling, and it is worth remarking that the original 'Roman de la Rose,' of which Chaucer's 'Romaunt' is an admirable but improved translation, contains no hint of the generous and noble sentiments expressed by the English poet, respecting the superiority of moral worth and the social virtues over ancestral rank

" But understond in thine entent
That this is not mine ententement,
To clepe no wight in no ages
Onely gentle for his linages;
But who so is vertuous
And in his port not outrageous,
When such one thou seest thee beforne,
Though he be not gentle borne,
Thou maiest well saue this in soth,
That he is gentle because he doth
As longeth to a gentleman

" To villaine speech in no degree
Let never thy lippe unbounden bee:
For I nought hold him, in good faith,
Curteis, that foule wordes saith;

And all women serve and preise,
 And to thy power hir honour reise,
 And if that any mus-sayer
 Despise women, that thou maist here,
 Blame him, and bid him hold him still.

"Maintaine thy selfe after thy rent,
 Of robe and eke of garment,
 For many sithe, faire clothing
 A man amendeth in much thing
 Of shoone and bootes, new and faire,
 Looke at the least you have a paire,
 And that they sit so fetously,
 That these rude may utterly
 Marvaile, sith that they sit so plaine,
 How they come on or off againe
 Weare streight gloves, with aumere
 Of silke and alway with good chere
 Thou yere, if thou have richesse,
 And if thou have nought, spend the lesse "

The wanton abuse of words by writers in the department of popular imaginative literature has been productive of very serious injury in language and in ethics. The light ironical tone of *persuiflage*, in which certain eminent authors of this class habitually indulge, has debased our national speech, and proved more demoralizing in its tendency than the open attacks of some of them upon Christianity, its ministers, and its professors, or the fatuity with which others endow all their virtuous characters, and the vice, selfishness, and corruption which they ascribe to all their personages whom they do not make idiots. By such writers, a blackguardly boy is generally spoken of as a "promising young gentleman," an abandoned villain or a successful swindler, as a "respectable personage," a vulgar and ignorant woman, as a "graceful and accomplished lady." Had these authors contented themselves with pillorying the pet vulgarisms of the magazine and the newspaper, they would have rendered a great service to literature and to morals, but when the only words we possess to designate the personifications of honour, virtue, manhood, grace, generosity and truth, are systematically applied to all that is contemptible and all that is corrupt, there is no little danger that these high qualities will, in popular estimation, share in the debasement to which their proper appellations are subjected. It is difficult to suppose that the authors of works evincing great knowledge of the world, who habitually profane the name of every attribute that men have held great and reverend, really believe in the existence of such attributes. A man, who accustoms himself to speak of a low-minded and grovelling person as a gentleman, either has no just conception of the character which this word professes to describe, or does not believe in the possibility of it, and the admiring readers of such a

writer will end by adopting his incredulity, and renouncing the effort to develope and cultivate qualities which, in every virtuous community, have formed the highest objects of a noble social ambition.

NOTES AND ILLUSTRATIONS.

[A ETYMOLOGY OF HARVEST. (See p 167.)

Dr. Guest proposes the following etymology for *Harvest* (*Trans. of Philological Society*, vol v p 172) —

"Starting with the hypothesis that the Germans received their knowledge of Roman civilization chiefly through the medium of the Gauls, we need not feel surprise if the word *harvest* should take the form of a Celtic compound. In the Breton the substantive *est* or *eost* (which is clearly a corruption of *Augustus*) signifies both harvest and autumn, and the verb *eost-a* means 'to reap.' There is also a Breton compound *debenn-eost*, which likewise signifies both harvest and autumn, and as the verb *debenn-a* means to lop, to top trees, this compound seems to allude to the operation of reaping—to the cutting off the ears of corn. That *harv-est* and *debenn-eost* were compounds *ejusdem generis*, the writer was fully persuaded, long before he was able to make out the first element of the compound *harv-est*. Though now obsolete, this element seems to have been long preserved in the Irish, for Riley gives us *arbha*, corn, as a word occurring in Irish MSS of no very great antiquity. We may therefore look upon *harvest* as a Celtic compound signifying the corn-reaping, and as having been borrowed by the Germans as soon as they felt the necessity of having a special name for the season, the importance of which had not sufficiently forced itself upon their attention in the time of Tacitus"—ED.]

B ETYMOLOGY OF CATTLE. (See p 167.)

The derivation from *caput* (*capitale*), a *head*, as we say, "so many head of sheep, or oxen," though supported by high authorities, is improbable; because, among other reasons, the words, *chatel*, *catalla* (pl), &c, were applied to what lawyers call *chattels real*, that is, certain rights in *real* estate distinct from the *fee*, or absolute title, and to personal property in general, long before *cattle*, or any other derivative from the same root, was used specially as a designation of domestic quadrupeds. This view of the subject is confirmed by the fact of the non-existence of a cognate word with the meaning of *cattle* in the Italian and Spanish languages, which could hardly have failed to possess it, had it been really of Latin etymology.

Chatel has an apparent relationship both to the French *acheter*, to purchase, and to the Saxon *ceáþian*, Icelandic *laupa*, German *kaufen*, of the same signification.

Celtic etymologists derive *acheter* from the Celtic *achap*, a word of the same radical meaning, but as the Goths, in early ages, were a much more commercial and maritime people than the Celts, it is more probable that the root is Gothic than Celtic.

Capitale, *chatel*, *acheter*, *chattels* and *cattle*, are, therefore, in all probability, cognate with the Saxon *ceáþian*, and not with *caput*. Schmid, *Gesetze der Angel-Sachsen*, 2d edition, 1858, Glossary, under *Capitale*, appears to adopt this etymology.

(See WEDGWOOD, *Etym. Dict.*, art *Chattels*.)

C. ETYMOLOGY OF MISTER AND METIER. (See page 171)

The etymology in the text (from *mysterium*) seems to me more probable than the usual one, which derives *mister* and *métier* from the Latin *ministerium*, because the *n* in *ministerium* is radical, and in such combinations is generally, though indeed not universally, retained in French and English derivatives. The earliest instance I have met with of the use of this word in English (or semi-Saxon), is in the extracts from the 'Rule of Nuns' in the *Reliquiæ Antiquæ*, vol. ii p. 2. "Marthe meostor is to fede povre," where indeed the sense favours the derivation from *ministerium*. The old French and English *maistrie*, craft, art, science, probably from the Latin *magister* (*magisterium*), and *mister*, resemble each other in use and meaning, and the three words, *mister*, *maistrie*, and *mystery* are so nearly alike in form, that they might readily be confounded in signification. The Spanish *menester*, need or necessity, is doubtless from *ministerium*, and the English *mister*, used in that sense, must probably be referred to the same source, but the signification of *necessity* is so remote from that of *occupation*, that it seems more reasonable to adopt a separate etymology for each. Halliwell even derives *mystery* or *mystery*, in the sense of an occupation, from *mister*.

D THE WORD SPECIES.

Few words have undergone greater and more varied changes of meaning

than the Latin species. *Species* is derived from *specio*, an old verb signifying, I see. *Species*, then, is that which is seen, the visible form of an object. But things are known and distinguished most frequently by their visible forms, and related things have like forms. Hence, among other causes, species acquired that of *kind*, or natural class, which is its present most usual import. It was then popularly applied to designate the different *kinds* or classes of merchandise, and as the drugs, perfumes, and condiments of the East were the most important articles of merchandise, they were called, par excellence, *species*, *specie* in Italian *épices* in French, *spices* in English, and an apothecary is still termed *speziale* in Italy, his shop a *spezieria*, his drugs *spezierie*. Again, *species* is the visible form of a thing, as distinguished from that which symbolically, or conventionally, represents it and hence, when notes of governments, banks, or individuals were brought into use as representatives of money, payments in actual coin were said to be payments in *specie*, in contradistinction from payments in the conventional equivalent of money, and *specie* now means gold and silver coin.

It is curious that when *specie*, the common term for different *kinds* of merchandise, was restricted in Italy to drugs and spices, as the most important of them, *genere* or *genero* (Latin *genus*), a group or assemblage of *species*, took its place as a general designation of vendible wares, and is now used for *goods*, as *generi coloniali*, colonial, or, as the Americans say, *Wares*, *goods*.

* Wycliffe uses "species" in the sense of "visible form."

"... haveþa southe the gyltes [or licence] a þate, forsothe denyge the verite of it."

Wycliffe, 2 Tim. ii. 26

LECTURE XII.

THE VOCABULARY OF THE ENGLISH LANGUAGE.

- § 1. Changes of language. § 2. Permanence of words : conservative influence of the authorized version of the Bible, of Shakespeare, and Milton. § 3. Changes in vocabulary: loss of words. § 4. Introduction of new words. § 5. Suspended animation of words. § 6. Introduction of a new word fatal to an old one. § 7. Dialect of periodicals.

V.

§ 1. THE advocates of the theory which regards language as wholly arbitrary, artificial, and conventional, as a thing of human invention, not of divine origin or of spontaneous growth, may find in its mutability a specious, though by no means a conclusive, argument in support of that doctrine. For things organic, products of the laws of nature, tend altogether to the repetition of their typical forms. If changed at all in sensible characteristics, the process of their transformation is extremely slow, and they exhibit a perpetual inclination to revert to the primitive type, as often as the disturbing or modifying influences are withdrawn, or even weakened in their action. Human contrivances, institutions, systems, on the contrary, are subject to incessant change, nor have they any inherent tendency to return to the original form, but, as they recede from the starting point, they continually diverge more and more widely from the initial direction. The physical characteristics of animal races, and of the spontaneous vegetable products of the soil, are constant, so long as they remain unmixed in descent and subject to the same climatic and nutritive influences; but in the progress of centuries, man's laws, his institutions and modes of life, all, in short, that is essentially of his invention or voluntary adoption, and especially his language, undergo such radical revolutions, that little apparently remains to attest his relationship to his remote progenitors.

But the law of adherence and return to original type, if not confined to lower organisms, is greatly restricted in its application to more elevated races and forms. Man himself, the most exalted of earthly existences, seems almost wholly exempt from its operation; and the varieties of his external structure, once established, perpetuate themselves with little discoverable inclination to revert to any known common and primitive model of the species. Man's

language is higher than himself, more spiritual, more ethereal, and still less subject than he to the jurisdiction of the laws of material nature. We have therefore no right to expect to find speech returning to primal unity, until the realization of those dreams which predict the complete subjugation of material nature, the consequent equalization, or at least compensation, of her gifts to different portions of the earth's surface, the perfectibility of man, and his union in one great universal commonwealth. There are well-ascertained facts which seem to show that words, with all their mutability, are still subject to a law of *reversion* like other products of material life, and if the distinction which many grammarians make between technically *modern* and *ancient* languages is well founded, and the common tendencies ascribed to the former are inherent, and not accidental, we must refer them to the operation of a principle as general and as imperative as that by which the double flowers of our gardens are brought back to their original simplicity of structure, by neglect and self-propagation.* But it is as yet too early to pronounce upon the ultimate form of language, and we are hardly better able to foresee what centuries may bring forth in the character of speech, than to prophesy what configuration of surface and what forms of animal life will mark our earth in future geological periods. Modes of verbal modification, mutations of form, indeed, we can readily trace back so far as written memorials exist, and the course of change is sometimes so constant for a certain period, that we can predict, with some confidence, what phase a given living language will next present. These observations, however, respect more particularly the syntax, the inflexions, the proportions of native and foreign roots, and other general characteristics of speech. Special changes of vocabulary can frequently be explained after they have once happened, but very seldom foretold, and words sometimes disappear altogether and are lost for ever, or, like some stars, suddenly rise again to view, and resume their old place in both literature and the colloquial dialect, without any discoverable cause for either their occultation or their emergence. The only portion of the English vocabulary that can be said to be altogether stable consists of those Saxon words which describe the arts and modes of life common to all ages and countries, the specific names of natural products whose character is unchanging, and of their parts and members, and those also of the natural wants and universal passions of man. The nomenclature of the more refined arts and professions, and, in general, the alien words which have entered into the language of literature and polished society, are, on the other hand, subject, not indeed like native words, to a law of development and growth, but to perpetual change, frequent rise and decay.

* See Lecture XVII.

§ 2. I alluded on a former occasion to the conservative influence of our great writers, and especially of the standard translation of the Bible. The dialect of that translation belongs to an earlier phase of the language, and it far more resembles the English of the century preceding than of its own contemporary literature. Nevertheless, of the somewhat fewer than six thousand words it contains, scarcely two hundred are now in any sense obsolete, or substantially altered in meaning, whereas most of the new or unfamiliar words which it sanctioned have fairly established themselves in our general vocabulary, in spite of the attacks which have been so often made and repeated against them. It would, however, not be fair to compare the language of the English Bible with the dialect of the present day by the individual words alone. The real difference is not wholly in single words, not even in the meaning of them separately considered, but also in combinations of words, phraseological expressions, idioms, or rather idiotisms. The translators of 1611 borrowed many of these from older versions, whose dialect was going out of use, and they now constitute the portion of the authorized Bible which must be regarded as obsolescent. Take, for instance, the expression "much people." This was once grammatically correct, for the following reasons: *People* and *folk* (as well as the Saxon equivalent of the latter, *folc*), in the singular form, usually meant, in Old English, a political state, or an ethnologically related body of men, considered as a unit, in short a nation, and both *people* and *folk* took the plural form when used in a plural sense, just as *nation* now does. *Nation* is indeed found in the Wycliffite versions, but it rarely occurs, and *puple* or *folk* in the singular, *puplis* and *folkis* in the plural, are generally used where we now employ *nations*. In Tyndale's time, *nation* had come into more general use, while *people* was losing its older signification, and was seldom employed in a plural sense, still more rarely in a plural form. In the translation of 1611, I believe the plural is found but twice, both instances of its occurrence being in the Revelation. *Many* is essentially plural, and there is a syntactical solecism in applying it to a noun which itself does not admit of a plural. While therefore the word was hovering between the sense of nation, which may be multiplied, and that of an aggregation of persons, which may be divided, it was natural, and at the same time syntactically right, to say *much*, rather than *many*, people. King James's translators, in this, as in many other points, employed the language of the preceding century, not of their own, for in the secular literature of their time *people* had settled down into its present signification, and conformed to modern grammatical usage.

An examination of the vocabulary of Shakespeare will show that out of the fifteen thousand words which compose it, not more than about five or six hundred have gone out of currency, or changed their

meaning; and of these, some, no doubt, are misprints; some, borrowed from obscure provincial dialects, and some, words for which there is no other authority, and which probably never were recognized as English.

In the poetical works of Milton, who employs about eight thousand words, there are not more than one hundred which are not as familiar at this day as in that of the poet himself. In fact, scarcely any thing of Milton's poetic diction has become obsolete, except some un-English words and phrases of his own coinage, and which failed to gain admittance at all. On the other hand, the less celebrated authors of the same period, including Milton himself as a prose writer, employ, not hundreds, but thousands of words, utterly unknown to all save the few who occupy themselves with the study of the earlier literature of England. One might almost say that the little volume of Bacon's Essays alone contains as large a number of words and phrases no longer employed in our language, as the whole of Milton's poetical works.

✓ English, composed as it is of inharmonious and jarring elements, more than any other important tongue, exposed to perpetual change from the fermentation of its yet unassimilated ingredients, and it therefore has always needed, and still needs, more powerful securities and bulwarks against incessant revolution than other languages of less heterogeneous composition. The three great literary monuments, the English Bible, Shakespeare, and Milton, fixed the syntax of the sacred and the secular dialects in the forms which they had already taken, and perpetuated so much of the vocabulary as entered into their composition. It is true there are Continental authors of the seventeenth century, Pascal for instance, whose style and diction are as far from being antiquated as those of the English classics I have mentioned. Doubtless the great literary merits of Pascal, and the profound interest of the subjects he discusses, did much to give firmness and stability to the dialect which serves as the vehicle of his keen satire and powerful reasoning, but we cannot ascribe to him so great a conservative influence as to the masterpieces of English literature, because, though French shares in the general causes of linguistic change which are common to all Christendom, it has not the same special tendencies to fluctuation as our more composite speech. Such, in fact, was the unstable character of English during the century which preceded Shakespeare, that, but for the influence of the Reformation and of the three great lodestars we have been considering, it would probably have become, before our time, rather Romance than Gothic in its vocabulary, as well as much less Saxon in its syntax.

§ 3. The operation of the numerous causes which contribute to the introduction of new words into a given language, is generally esti-

ciently palpable. Whenever a new expression is suited to perform the office and take the place of an older one, the disappearance of the latter is easily accounted for. But there are numerous instances in the history of speech, where not single words only, but whole classes of them, suddenly drop out of the vocabulary, and are heard no more. Where an event of this sort is connected with changes in the processes by which particular ends are accomplished, the old words are *commonly supplied by new, so that the whole number is kept substantially good*, but when, on the other hand, particular arts cease altogether to be practised, or pass out of the domestic circle, where the whole household more or less takes part in them, into the hands of large mechanical establishments, and become associate and organized, not individual occupations, their nomenclature perishes with them, or is restricted to the comparatively narrow circles which occupy themselves exclusively in their pursuit. As an example of one of these cases, that namely where the art and its vocabulary become obsolete together, I may mention the employment of archery, in war, in the chase, or as a healthful and agreeable recreation. If you look into Ascham's 'Toxophilus,' published in Queen Elizabeth's time, or into any old English treatise on the Military Art, you will find numerous technical terms belonging to the use of the bow, which three hundred years ago were as familiar to every man and boy as lock, stock, and barrel are to us, but which have now completely vanished out of the common language of life, except the few of them that have been retained in proverbs and poetic similes. There were bows of a great variety of form and materials, and the manufacture of them was a very important trade by itself. The family names Bowyer and Archer, the latter from the French *arc*, a bow, are derived from the occupations of persons devoted to the making or the use of that weapon. The processes employed in the preparation of the wood, by seasoning or otherwise, and in the shaping and decoration of the bow, were very numerous, and each had its appropriate name. The manufacture of arrows was a different trade. The arrow was as diversified in form and material as the bow, and the arrow-makers, or fletchers as they were called, from the French *flèche*, an arrow (whence also the family name Fletcher), had as full a vocabulary as the bowyers. Then came the manufacture of bow-strings, of bow-cases and quivers, of bracers for the protection of the left arm from the grazing of the string, of shooting gloves, and other inferior branches of art belonging to the use of the bow, all distinct trades, and each with its distinct, separate stock of technical words. Now, as I have said before, almost the whole of this vocabulary is utterly gone out of our common speech, and the implement, to the construction and employment of which it belonged, having become disused altogether, no new words have arisen to take the place of those which have

grown obsolete. Fire-arms, indeed, have introduced a totally different set of expressions, but the bow and the musket have so little in common, in form or use, that the word *aim* is almost the only one that could be applied to both. The technical expressions connected with the musket suggest quite other ideas than those belonging to the dialect of archery; and, therefore, the new phrases cannot be considered as the equivalents, or as occupying the place of the old. The construction of the musket is more difficult than that of the bow, and requires a longer apprenticeship, a much greater stock of tools and mechanical contrivances, and a larger capital for carrying it on, the demand for this weapon is much less, because one gun will outlast many bows, and for all these reasons, both the business of the gunsmith, which has become a manufacture, not a handicraft, and its terms of art, are less familiar to the people than were those of the bowyer and the fletcher. Although, therefore, the musket has brought with it many new words, and they are used in the main under the same circumstances as the dialect of archery, yet so far as the copiousness of popular English is concerned, the substitution of the one weapon for the other has been attended not only with a great change, but a considerable loss, in the daily speech of the numerous class which formerly drew the bow, but now handle the musket.

Again, the improvements in fire-arms and their appurtenances, since their first introduction, have involved almost as great changes of nomenclature as those which followed their substitution for the bow. The forms and mode of employment of field and siege artillery have been almost completely revolutionized, and the technical terms belonging to them are wholly different from what they were three hundred years ago. The musket of the sixteenth century and the improved rifle of the nineteenth differ very widely in their details. In fact, they have little in common but their most general features, and the professional phraseologies of the buckbater of Queen Elizabeth's time, and the sharp-shooter of Queen Victoria's, resemble each other as little as their weapons.

A large class of words belonging to arts very familiar to the last generation in America, but now no longer practised in domestic life, has become virtually obsolete within the memory of some who hear me. Let us take the vocabulary of American rural industry, and consider the changes which the advance of mechanical art, and the increased use of cotton, have produced within thirty or forty years in the household conversation upon the single subject of family clothing. At the period to which I refer, the wool and the flax, which formed the raw material of the common dress of the country, as well as of the tissues employed for numerous other purposes in domestic life, were produced upon the homestead. They not only underwent the several operations required to fit them for the dye-pot, the wheel, and

the loom, but they were spun, woven, and often coloured, beneath the family roof. Connected with all this industry there was an extensive nomenclature. First came the technicalities belonging to the growing of flax, including the preparation of the ground and the seed, then the sowing, harvesting, rotting, breaking and swinging the plant. These were out-door labours. Then followed the household toils, the hutchelling, spinning, reeling, spooling, weaving and dyeing or bleaching of the cloth. Each of these processes had its appropriate mechanical implements, some of them complicated in their construction, and every step of the whole succession of labours, every tool and machine, and each of its parts, had its appropriate name. The manufacture of wool, again, had its vocabulary, in some things coincident with, but in many different from, that employed with relation to flax, so that the supply of linen and woollen cloth for domestic purposes required the use of certainly not less than two or three hundred technical words, all of which were perfectly intelligible to every inhabitant of the country districts. The labours of which I speak extended through the whole year, and formed the most important of the industrial functions which the mistress of the family participated in and directed, and consequently were prominent and constant subjects of family conversation. Now, the every-day vocabulary of common colloquial life does not, at any one period, comprise more than three or four thousand words, and though some of the technical terms I have mentioned are still currently used in other applications, yet, for the most part, the nomenclature of this great branch of rural industry has perished with the industry itself. I think it safe to say, that the substitution of cotton for linen, and the supply of tissues by large manufacturing establishments, instead of by domestic labour, have alone driven out of use seven or eight per cent. of the words which formed the staple of household conversation in the agricultural districts of the Northern States. Similar changes have taken place, though not so recently, in the domestic dialect of England, and indeed of the principal Continental countries. The domestic manufacture of cloths, linens especially, was by no means confined to the poor, in a somewhat earlier stage of European society, and the words belonging to this branch of industry formed almost as conspicuous a part of the vocabulary of exalted, as of humble life. I may mention, as a proof of this, that in different languages the names of different implements employed in spinning have been adopted in very elevated applications, as designations of the female sex, which seems to have appropriated that art to itself in all times and countries. Thus, not to speak of the phraseology of more primitive ages, in modern Danish, the male and female lines of descent and inheritance, or, as we say, the father's side and the mother's side, are called respectively the sword-side and the spinning or spindle-

side; and in France, the Salic law, which excludes women from the inheritance of the throne, is popularly expressed by the proverb that "The crown does not descend to the distaff."*

The words that have thus perished have left no representatives behind them, for the time and thought once employed in these humble labours are now devoted to occupations in no wise connected with domestic manufactures, occupations which have brought a new and wholly unrelated stock of words with them. Music, books, monthly and weekly periodicals, journeys, so much facilitated by the increase of railroads and steamboats, now fill up many hours formerly laboriously occupied with the cares of household life, and each of these has contributed its share of new words to enlarge and to enrich the sphere of thought and the range of vocabulary belonging to the productive classes.

§ 4. Translations from foreign literatures have introduced great numbers of Continental and new words into English. All nations have not only their proper tongues, but their characteristic ideas, thoughts, tastes, sensibilities, and the vocabulary adapted to the embodiment of these fails to find equivalents in the languages of other peoples. Hence a translator is not unfrequently obliged either to borrow the foreign word itself, or to frame, by composition or derivation, another more in accordance with native models, to express to his readers an intellectual conception, a taste or an antipathy, new not only to their speech, but to their mental and moral natures.

An incident which excites the surprise, or appeals to the sympathies, of a whole people will often give a very general and permanent currency to a new word, or an expression not before in familiar use. Take for example the word coincidence. The verb *coincide* and its derivative noun are of rather recent introduction into the language. They are not found in Minshew, and they occur neither in Shakespeare nor in Milton, though they may perhaps have been employed by scientific writers of as early a date. They belong to the language of mathematics, and were originally applied to points or lines. Thus, if one mathematical point be superposed upon another, or one straight line be superposed upon another straight line between the same two points, or if two lines follow the same course, whatever be its curve, between two points, then, in the first case the two points, in the latter two, the two lines are said to coincide, and their conformity of position is called their coincidence. In like manner, any two events happening at the same period, or any two acts or states beginning at the same moment, and ending at the same moment, are said to coincide in time, and the conjugate noun, *coincidence*, is employed to

* *Spear-side* and *wind-side* occur in the will of Alfred as designations of the male and female lines.

express the fact that they are contemporaneous. These words soon passed into common use, in the same sense, and were applied also figuratively to identity of opinion or character in different individuals, as well as to many other cases of close similarity or resemblance, but they still belonged rather to the language of books and of science than to the daily speech of common life. On the Fourth of July, 1826, the semi-centennial jubilee of the declaration of American Independence, Thomas Jefferson, the author, and John Adams, one of the signers of that remarkable manifesto; both also Ex-Presidents, died, and this concurrence in the decease of distinguished men on the anniversary of so critical a point in their lives and the history of their country was noticed all over the world, but more especially in the United States, as an extraordinary *coincidence*. The death of Mr. Monroe, also an Ex-President, on the Fourth of July a year or two after, gave a new impulse to the circulation of the word *coincidence*, and in the United States it at once acquired, and still retains, a far more general currency than it had ever possessed before *

The discussions at an important political assemblage, in the United States, a few years since, gave a wide circulation, if not birth, to a new word, the convenience of which will secure it a permanent place in the language, and, at last, admission to the vocabulary of at least American literature. At the Baltimore Convention of 1844, which nominated Mr. Polk for the Presidency, some excitement was produced by alleged attempts to control the action of the convention by persons not members of it, through irregular channels, and by irregular means. In the debate which arose on this subject, a prominent member energetically protested against all interference with the business of the meeting by outsiders. The word, if not absolutely new, was at least new to most of those who read the proceedings of that important convention, and it was now for the first time employed in a serious way. Its convenience seemed to strike the public mind at once; and as we have no other, and can have no better word than this genuine Saxon compound to express the idea it conveys, it will undoubtedly maintain itself in our vocabulary.

In the same way the progress of natural science, and the discussion of the theories of vital propagation and growth, have made *develope*

* Words to which a sudden prominence is given are usually iterated and reiterated usque ad nauseam. Thus *element*, perhaps from its frequency in alchemical books and conversation, or from its use in theological discussion in connexion with the doctrine of the real presence (*elements* of the Eucharist, a sense not noticed by Johnson), had become so current, that the clown in *Twelfth Night* objects to it as too common.—

“I will conster to them whence you come: who you are, and what you would, are out of my welkin. I might say *element*; but the word is over-worn.”—*Twelfth Night*, act iii. sc. 1

and *development*, and the ideas they express, so familiar that it is hard to find a page of contemporaneous literature without them; and their great currency is one of the many proofs of the extent to which conceptions derived from physical science have entered into the general culture of our times *

Probably most of the new words in any language grow out of the foreign relations of the country where it is spoken, because new objects and new conditions of society are more frequently of foreign than of strictly domestic origin. The early history of the English language is full of exemplifications of this principle, and many illustrations of its truth will be found in every treatise upon our native speech. Similar circumstances are producing like effects at the present day. The American word *immigrant*, for example, as opposed to *emigrant*, the one used with reference to the country to which, the other with reference to that *from* which the migration takes place, is a valuable contribution of this sort to the English vocabulary. It did not originate in England, because, since the Conquest, there has never been any such influx of strangers into the country as to create a necessity for very specific designations of them; but the immense number of Europeans who have migrated to the United States has given that class of inhabitants a great importance, and very naturally suggested the expediency of coining a precise term, to express their relations to their new country, corresponding to that we already possessed as applicable to their relations to their native land. Doubtless *incomer* would have been a better word, but that was objectionable, because it could not have a correlative of like formation, for *outcomer* would, in some of its uses, involve a contradiction, and besides, the noun *income*, to which *incomer* would regularly correspond, has a very different signification. Better still would it have been to revive the good old English *comeling*, which was used by Robert of Gloucester for the very same purpose as our *immigrant*, and often occurs in the Wycliffite translations, where later versions have *stranger*.

From this same root we have another very expressive word, the boldness of whose form—a form that sets at defiance the ordinary rules of derivation—renders it still more appropriate as a designation of a class of independent thinkers, who pride themselves on their hostility to venerable shams and their disregard of hoary conventionalities. I mean the *comeouters*. This word has not, I believe, been yet received into polite literature, but nevertheless, repugnant as it is to the laws of English etymology, its thorough Saxon descent makes it more acceptable to both tongue and ear than such a word as *en-*

* In a recent report of a committee upon the vegetables exhibited at the fair of an agricultural society, I observe the award of a premium to the grower of some "remarkably well-developed squashes."

lightennent, which, as I have said before, though much wanted, has been hitherto resisted because of its mongrel aspect.

A list of the new words which have been presented for admission to our vocabulary,* including those which have failed of securing a reception, would be both curious and instructive, because it would show the deliberate judgment, or rather the instinctive sense, of the nation with respect to the principles which ought to govern the formation of native, and the naturalization of foreign, vocables. The tendency for a long time appears to have been to discourage domestic linguistic manufactures, and promote the importation of foreign wares. Here, as in public economy and finance, the free-trade party is in the ascendant, but in spite of the foreign influences to which the rapidly-increasing intercourse, personal and commercial, between England and the European continent gives great weight, and in spite of the Latinizing tendencies of rhymed verse, to which I shall refer hereafter, there are unequivocal tokens of a reaction, and I have little doubt that the Saxon element will soon recover some of the ground it has abandoned in the last four or five centuries. Hitherto, however, not much has been done in the way of reviving lost or quiescent Saxon roots, and the fluctuations of the vocabulary have been chiefly confined to the Romance ingredient. Latin words, like strange guests, are constantly coming late and going early, while the native Saxons either steadily maintain their position, like old householders, or if they once fall into forgetfulness, remain long in a state of repose; but there is now a movement among the Seven Sleepers, and the future progress of our speech, it may be hoped, will bring back to us many a verbal Rip Van Winkle.

§ 5. I have elsewhere spoken of what I have called the "suspended animation" of words, as one of the most singular phenomena of their history, and English philologists have collected numerous instances of this sort, chiefly from the Latin element of English, though there are not wanting like cases in proper Saxon words. The Saxon adjective *reckless*, formerly spelled *retchless*, for example, was in constant use down to the middle of the sixteenth century, but when Hooker, writing fifty years later, employed the word, it had become so nearly obsolete, that he, or perhaps his editor, thought it necessary to explain its meaning in a marginal note. It has now been revived, and is perfectly familiar to every English-speaking

* *Character*, though occurring many times in Shakespeare, does not appear to have been very readily or generally accepted, for Wotton, writing at least ten years after Shakespeare's death, says —

"Now here then will lie the whole businesse, to set down beforehand certain Signatures of Hopefulnesse, or *Characters* (as I will ratner call them, because that Word hath gotten already some entertainment among us)" — WOTTON, *A Surveigh of Education*, p. 321, edition of 1651.

person. A couple of like instances, though not in Saxon words, occur in a little vocabulary which went through at least twelve editions in the seventeenth century, but is now so completely forgotten as to be little known except to bibliographers. It is entitled 'The English Dictionarie, or an Interpreter of Hard English Words, Enabling as well Ladies and Gentlewomen, young Scholars, Clerks, Merchants, as also Strangers of any Nation to the understanding of the more difficult Authors already Printed in our Language— By Henry Cockeram, Gentleman'

Among the "hard words" which make up Master Cockeram's 1st, are the verbs *abate* and *abandon*, both of which are marked as 'now out of use, and only used of some ancient writers.' Now, both these words occur in the English Bible, in Shakespeare, and in Milton, and *abate*, as a term of art in law, could never have become obsolete in the dialect of that profession. They are now, and have long been, in very current use, both colloquially and in literature, and the period during which they were not familiarly employed must have been a very short one.*

§ 6 The introduction of a new word, native or foreign, often proves fatal to an old one previously employed in the same or an allied sense. *Income*, for instance, is of recent introduction, though Saxon in its elements and form, and it is generally applied to the pecuniary product of estates, offices or occupations, and even when used with respect to lands, its signification is confined to the money received for rent, or the net profit accruing from the sale of the crops. It corresponds very closely to the German Einkommen in etymology, structure and signification, and is a good example of verbal affinity between a Teutonic dialect and our own, but we have purchased this convenient word by the sacrifice of another, equally expressive, though more restricted in use, and belonging to the Scin-

* *Ventilate* and *proclivity*, after having been half forgotten, have come again into brisk circulation, and a comparison of the literature of the seventeenth, eighteenth, and nineteenth centuries will show multitudes of words common to the first and last of these periods but which were little used in the second.

The most remarkable lists of such words as I am now speaking of are those referred to by Trench in the second chapter of his little volume on the authorized version of the New Testament. I will not quote these lists here, because throughout this course I make it a point not to borrow from that very instructive and agreeable writer, and thereby diminish the pleasure which even my hearers as yet not already familiar with his works will find in his pen. They are excellent exemplifications of the attractions and value of appreciating philological criticism, as distinguished from linguistic investigation, and I know no books on language better calculated to excite curiosity and stimulate inquiry into the proper meaning and use of the English tongue, than these two volumes, *The Study of Words, English Past and Present*, *The Lessons contained in Proverbs*, and the essay on the English New Testament to which I have just alluded.

dinavian side of English. I refer to *ofcome*, employed by old English writers in the sense of *produce* rather than of *product*, though sometimes synonymously with the more modern *income*.

§ 7. To persons who desire to watch the progress of change in English, periodical literature, and especially the daily journals, furnish the best opportunities for observation, and they are as faithful in serving up the novelties of speech, as the political and commercial news of the day. The advertising columns, especially, often contain very odd specimens of both syntax and vocabulary, and one can scarcely run over a single sheet of a newspaper without noting, among words which merit a place nowhere, some which, though excluded from dictionaries, ought long ago to have met acceptance.

In a small fragment of a New York daily paper, I find these words and phrases (nearly half of them in extracts from English journals), not any one of which I believe any general English dictionary explains: *photoglyphic* engraving; *telegram*, for telegraphic message; an *out-and-out extreme clipper*; *prospecting* for gold: *go-ahead* people, they are not on *speaking terms*; Mr. Gottschalk's *rendition* of a piece of music; the Black Swan is *concertizing* in the western States, the vessel leaked *so many strokes an hour*; an *emergent* meeting of a society—apparently in the sense of a meeting to consider an emergency; such a man ought to be *spotted* by his associates, old *fogy*, which, by the way, is an old English word; such a *handsomely-put-on man* as Mr Dickens, and Kossuth's phrase, the *solidarity of the peoples*. Some of these expressions have little claim to be considered English, and they belong to the class of words which "come like shadows, so depart," but several of them long have been, and others will be, permanent members of the colloquial, if not of the literary fraternity of the language. *Photoglyphic* and *telegram* are too recent in origin to be yet entitled to the rights of citizenship, but, whatever may become of the former, *telegram* will maintain its place, for reasons of obvious convenience; and in spite of the objections of some Hellenists against it as an anomalous formation, the English ear is too familiar with Greek compounds of the same elements to find this word repugnant to our own principles of etymology.

LECTURE XIII

INTERJECTIONS AND INTONATIONS.

§ 1. Interjections not syntactical. § 2. Differences of pronunciation. § 3. National peculiarities of intonation. § 4. Similarity of interjections in most languages. § 5. Interjections parts of speech. § 6. Vocal gestures. § 7. Passionate expressions. § 8. Interjections sometimes syntactical. § 9. Modulations of the voice. § 10. Expletives.

§ 1. IN a historical sketch of the genetic development of the parts of speech, we should naturally begin with the Interjection, both because it is the earliest of distinct human vocal sounds, and because it is a spontaneous voice prompted by nature, and not, like other words, learned by imitation, or taught by formal instruction. This is at least the character of the true interjection, though the want of a specific term, and the inconvenience which would result from a too copious and minute grammatical nomenclature, oblige us to include under the same appellation words, and even entire phrases, whose resemblance to that part of speech lies chiefly in being, like it, introduced into a period with which they are not syntactically connected

Of the elements of discourse, there is no one which has received so little attention from grammarians as the part of speech in question. Few treatises on language devote more than a page or two to the subject, and many writers have denied to interjections the character of words altogether. I think that, with most grammarians, this is a prejudice arising from the fact, that these words seem to have no appropriate place in so artificial a system as that of the Latin grammar, from which we have derived most of our ideas of the structure of language. They can neither be declined nor conjugated; they are incapable of degrees of comparison; they govern nothing, qualify nothing, connect nothing, and may be left out of the period altogether without affecting the syntactical propriety of its structure. In short, they cannot be parsed. They have no position in the rank and file of the legion, and therefore are at best supernumeraries, if not intruders. In a language so cemented and compacted together as the Latin, not by mortar or pins of independent material and formation, but by organic attachments, natural hooks and eyes, congenital with the words and of one substance with them, this objection to the recognition of constituents so incapable of

assimilation is by no means without validity, but in English, and in those other tongues where the relations between important words are determined by mere position or by the aid of distinct and insignificant particles, it strikes us much less forcibly. I shall endeavour to vindicate the claim of these neglected articulations to rank as legitimate means of vocally expressing human passions, states, affections, and therefore to be called words, though of a rhetorical and dramatic, not of a logical or didactic character.

§ 2 Considered as a purely natural and spontaneous emission of the voice, we might expect to find similar interjections in all human tongues, but their forms, even when they most resemble each other, are modified by the same obscure influences which diversify the action of the organs of speech in the production of like or analogous sounds among different nations, and consequently they are by no means identical in different languages. The alleged diversity in the cries of the infant, and in the true interjections, which two utterances, psychologically considered, belong to the same general class of expressive sounds, has been urged by some physiologists as a proof of a diversity of origin in the human race. But the argument loses something of its weight, when it is shown, as it may be, that in numerous other cases, words common to two or more demonstrably cognate nations, and identical in form and sound, so far as any written notation can express sound, are nevertheless differenced in their pronunciation by those nations as widely as the true interjections are by unrelated races. These distinctions are occasioned by two proximate causes, the one is the employment of different sets of muscles, by different peoples, for the production of the same or similar sounds, the other is the peculiar quality impressed upon articulate sounds by the intonation with which they are uttered.

These two classes of linguistic facts, the production namely of like or analogous sounds in different languages by the employment of different organs, or at least muscles, and the fixed character of national intonation in certain languages, have as yet been little investigated by philologists, but they are full of curious interest, and the study of them, however difficult, is essential to the construction of even a tolerably complete system of phonology. Nice distinctions between related sounds depend of course upon the mechanical means employed to produce them, and one reason why an adult so seldom succeeds in mastering the pronunciation of a foreign language, why he is at once recognized as a stranger by his articulation even of words which, according to grammars and dictionaries, are identical with syllables and words of his mother-tongue, is, that to pronounce them like a native, he must call into play muscles not employed, or employed in a different way, in speaking his own language, and which have become so rigid from disuse, that he cannot acquire the

command of them, or, in other words, render them what are called voluntary muscles. Further, the organs of speech act and react upon each other, the frequent play of a given set of muscles modifies the action of neighbouring or related muscles, there is, to use a word which, if not new English, soon will be, a certain *solidarity* between them all, and organs accustomed to the deep gutturals of the Arabic, the hissing and hisping sounds of the English, or the nasals of the French and Portuguese, are with great difficulty trained to the pure articulation of languages like the Italian, in which such elements do not exist.

§ 3 National peculiarities of intonation are still more subtle and obscure, and they are almost equally difficult to seize by the ear, and to reproduce by the lips and tongue. To us, whose intonations belong not to the individual word, but to the whole period, it is difficult to conceive of the tone with which a word is uttered, as a constant, essential, characteristic, and expressive ingredient of the word itself. But in monosyllabic languages like the Chinese, where the number of words, differing in the vowel and consonantal elements of which they are composed, must necessarily be very small, other distinctions must be resorted to, and accordingly we find that in such languages a monosyllable, consisting perhaps of one vowel and one or two consonantal elements, and which admits of but one mode of spelling in alphabetic characters, may nevertheless have a great number of meanings, each indicated by a peculiarity of intonation not perhaps appreciable by foreign ears, but nevertheless readily recognizable by a native. These peculiarities are, however, by no means confined to languages so alien to our own, for they exist in the Danish and the Swedish, both of which are nearly allied to English, and they, no doubt, occur to a considerable, but thus far uninvestigated, extent, in other tongues more familiar to most of us. In such languages, these intonations are constant, and they are also expressive and significant, so far that certain words are under all circumstances pronounced with the same intonation, and thus distinguished from words differing from them in signification, but otherwise identical in sound. Scandinavian phonologists have made these intonations, for which the vocabulary of our language does not even furnish names, a subject of special inquiry; and Rask, one of the most eminent of modern philologists, has subtilized so far upon them, that few of his own countrymen, even, have sufficient acuteness of ear to follow him. But this is not strange, when we learn that the same discriminating phonologist fancied he could detect, what no Englishman ever did, a difference between the pronunciation of our two English words *pale*, *pallid*, and *pail*, a water-bucket.*

* Rask's *Danish Grammar for the Use of Englishmen*

Yet more ethereal than even these subtle shades of difference, is what, to borrow a musical term, may be called the *mode* in which a given language is spoken. A stranger in Greece or the East is struck at once by a certain sadness of tone, amounting at times almost to wailing, which marks the speech of the people, and especially of the women of the lower classes. Some travellers have ascribed this to the long centuries of humiliation and oppression under which women have groaned in the East: but I think it belongs rather to the races than to the sex; for it is not altogether confined to the women and, besides, something of the same sort is found among the most primitive and simple tribes, and the fact, if it is a fact, that the music of ancient Greece and Latium, like that of most Oriental countries, was wholly in the minor mode, seems to confirm this view.

The Greek, or, to speak more specifically, Alexandrian and other colonial grammarians, carefully investigated the intonation of their language, in both its branches, accentuation, and vocal inflexion, and they invented several points, which we call accents, to indicate the particular intonation of the important syllables of the words. What the signification of these points was we do not know; nor does the pronunciation of the modern Greeks afford us any light on the subject. What we call accent, that is, stress of voice, has been generally supposed to have been, among other things, marked by them; but this is disputed. Metrical quantity or prosody, they certainly did not indicate, but left it to general rules, which, in most cases, were sufficiently explicit. The quantity, or relative duration of syllables as it is generally understood, is a quality of sound to which the Greek ear was acutely sensible, and it appears to have been recognized in the earlier Teutonic dialects, but to modern ears, it is, as an element of prosody, much less appreciable. In English verse, and more especially by recent poets, rhythm has been made to depend upon and consist in accentuation alone, and those other elements of articulation, which to the ancient classical nations constituted the very essence of poetical melody, are, by the fashion of the day, altogether disregarded. This, I think, is a mistake, but it will be more fitly considered on another occasion.

§ 4. But, to return from what may be considered a digression, the true interjections, though modified by peculiarities of intonation, have at least a family resemblance, if not an absolute identity, in most known languages. They are, for the most part, monosyllabic, and frequently consist of a vowel preceded or followed by an aspirate, or aspirated guttural only, though they are not always of so simple a structure. Some linguists distinguish between interjections which are bare indications of mental or physical pain or pleasure, and those which are expressive of sensuous impressions derived from external objects through the organs of sight and hearing, but for our present

purpose it is not essential to inquire how far this classification is well founded. The claim of interjections of the purely involuntary character to be classed among what grammarians call the parts of speech, has been disputed, as I have already remarked, on the ground of their alleged want of a truly articulate character, and especially of all etymological and syntactical connexion with the periods of discourse. It is for this reason that the name of *interjection*, from the Latin *interjicio* (I throw in), has been applied to them, as something casually dropped into the sentence, but not logically belonging to it, or having any grammatical relations with it. It is said that such interjections belong to speech only in that figurative sense in which all the means whereby external facts are made known to us are comprised within the term language, and they are assimilated to those inarticulate cries which constitute the language of the lower animals. They are generally spontaneous, involuntary exclamations, and they express, in a vague and indeterminate way, the simple fact that the utterer is painfully or pleasurably affected, without in themselves giving any indication of the cause, or even always of the specific character, of the emotion or sensation.

✓✓ § 5 The interjection has, however, one important peculiarity, which not only vindicates its claim to be regarded as a constituent of language, but entitles it unequivocally to a high rank among the elements of discourse. It is in itself expressive and significant, though indeed in a low degree, whereas, at least in uninflected languages like the English, other words, detached from their grammatical connexions, are meaningless, and become intelligible only as members of a period. If I utter an interjectional exclamation denoting pain, joy, sorrow, surprise, or anger, every person who hears me understands at once that I am agitated by the corresponding affection. Here, then, a fact is communicated by a single syllable, and the interjection may be regarded as the hieroglyphical or symbolical expression of a whole period. But, on the other hand, if I pronounce the word *house*, or *red*, or *run*, or *ten*, without other words, and without accompanying gestures or other explanatory circumstances, I tell the listener nothing, though the word may, indeed, from accident or from some obscure chain of association, excite in his mind an image of the object, or an intellectual conception of the act, or accident, or number, denoted by the word I use. He may, in short, suppose a subject, an object, a copula, or whatever predicate is necessary to complete the period, and thus arbitrarily or conjecturally supply the ellipsis. Thus, in fact, from the habit of individualizing the general, and making concrete the abstract, he can hardly fail to do, but nevertheless, in the absence of explanatory circumstances, this mental operation of the auditor neither logically results from, nor is warranted by, the force of the word I have uttered, which of

itself communicates no fact, authorizes no inference. And herein lies the great miracle of speech, the strongest proof of its living, organic—I had almost said divine—power, that even as the processes of vegetable life build up, assimilate, vivify, and transform into self-sustaining, growing, and fruitful forms, the dead material of mechanical nature, so language, by the mere collocation and ordonnance of inexpressive articulate sounds, can inform them with the spiritual philosophy of the Pauline epistles, the living thunder of a Demosthenes, or the material picturesqueness of a Russell.

The interjections hitherto described are distinguished from the other parts of speech, not only by their inherent and independent expressiveness (a point in which they have a certain analogy with words imitative of natural sounds, and therefore significant of them), but by the fact that they are subjectively connected with the passion or sensation they denote, and are not so much the enunciation or utterance of the emotion, as symptoms and evidences of it; in fact, a mode of thinking aloud. In the other articulate forms of communication by which we make known our mental or bodily state, that state becomes objective, and therefore those forms are descriptive, not expressive. Accordingly, the interjection may be said to be the appropriate language, the mother-tongue of passion; and hence much of the effect of good acting depends on the proper introduction and right articulation of this element of speech. It is related of Whitfield, that his interjections, his Ah! of pity for the unrepentant sinner, his Oh! of encouragement and persuasion for the almost converted listener, formed one of the great excellences of his oratory, and constituted a most effective engine in his pulpit artillery.

§ 6 There is a species of interjection not usually distinguished by English grammarians from other words of that class, but which some German writers expressively call Lautgeberden, or vocal gestures. These approach much more nearly to the character of other words than those of which we have hitherto spoken. The spontaneous interjections constitute a kind of self-communion, and, though conveying information of a certain sort to others, they are not uttered with any such conscious purpose. The Lautgeberde, on the other hand, is not a mere involuntary expression of sensation or emotion, but is addressed to other persons or creatures, and usually indicates a desire or command, so that it corresponds to the imperative of verbs in complete periods. Among these Lautgeberden, are all the isolated, monosyllabic or longer words, by which we invite or repel the approach, and check or encourage the efforts of others; in short, all single detached articulations, intended to influence the action, or call the attention, of others, but not syntactically connected with a period.

§ 7. Analogous to these are certain passionate expressions. some-

times forming whole periods, but more commonly abridged, and used interjectionally. They are sometimes reduced to a single word, sometimes composed of several, but usually without any grammatical connexion with what precedes or follows them. In this class are embraced most familiar optative and deprecatory forms of expression, and especially the invocation of blessings and denunciation of curses. *Farewell*, and *welcome* (originally distinct periods, but now interjectional), *Heaven forbid*, and other similar ejaculations, are of this character. The Greek, especially in passionate declamation, is full of such phrases. Those familiar with Demosthenes will remember a striking instance in the Fourth Philippic, where, in an interjectional form, he invokes the vengeance of the gods on Philip of Macedon. This is a peculiarly interesting example, because it is one of the few where a syntactical relation exists between the ejaculation and the period into which it is introduced, for the execration, οἵπερ αὐτὸν ἐξολέσειαν¹ begins with a relative pronoun, which grammatically connects it with the preceding denunciation of Philip, as an enemy to Athens and her gods

§ 8. It is affirmed that in the Euscara, or Basque, the interjections are regularly declinable, and it would hence appear that their want of syntactical character in the Indo-European languages is not an essential feature of this part of speech.

§ 9. Allied in form and nature to the true interjection, but wholly distinct from the constant intonations belonging to particular words in certain languages, to which I have already alluded, are the modulations of the voice in articulate speech, which, as constituting a characteristic difference between the breathing, spoken word, and its silent written representative, between the subjective and the objective elements of language, between living action and historical narration, are among the most powerful instrumentalities whereby man acts on the moral nature of his fellow-man. The unstudied accents of young children are prompted by nature. They are more truly spontaneous, and not less expressive, than the notes of the forest song-bird, and they are the most touching and persuasive of human utterances. But with the sincerity and frankness of lisping childhood, passes away the truthfulness of its tones. Dissimulation, hypocrisy and the thousand forms of social falsehood, almost extirpate the heavenborn faculty of significant modulation, and the voice soon becomes as artificial as the gait, the gestures, and the other outward habits of the man. Affectation, the desire of seeming to be that which we are not, is the besetting sin of men. A plain, simple, unaffected manner of speech, in gesture, in carriage, as it is one of the most attractive of external qualities, so it is one of the most difficult of acquirements; for in all grades of society, from the wigwam to the saloon, the most natural thing in the world is to be unnatural.

But besides this half-voluntary distortion of our natural faculty of speech, the injudicious methods by which reading is taught do very much to fix, as well as to originate, a formal, monotonous, and unnatural intonation. The habit of mechanical inexpressive delivery, once contracted, is almost incurable, and it is a trite observation that so simple a thing as a clear, appropriate, and properly intoned and emphasized pronunciation, in reading aloud, is one of the rarest as well as most desirable of social accomplishments. Few persons are able, when the eye is fixed upon a printed or written page, or even in reciting what they have learned by heart, to modulate the voice, as they would do in the unpremeditated conversational utterance of their own thoughts in the same words, and the difference between our modes of reading and speaking is not confined to the modulation of the period, but extends itself to single words, so that it is extremely common, especially among persons not much practised in reading aloud, to use one system of orthoepy in conversation, and quite another in reading. But the evil habits we contract in our school exercises are productive of further mischief. They are highly injurious to the physical organs of speech. And this is one reason why clergymen, who, in the religious services of most sects, read much aloud, are so much more frequently annoyed with bronchial affections, than lawyers and political orators, who use the voice much more, and with louder and more impassioned articulation, but who for the most part speak extemporaneously, and with a more natural delivery.

As has been already observed, the classes of words and of vocal modulations which we have been considering belong to, if they do not constitute, the language of passion, and therefore it is, as we have already hinted, equally a rule of morality and good taste to practise great caution and circumspection in the employment of them.

§ 10. What are called *expletives* in rhetorical treatises are grammatically allied to the interjections, though widely differenced from them by the want of meaning, which the interjection is never without. I can hardly agree with Webster in his definition of the expletive, and still less in the statement with which he concludes it "The expletive," says Webster, "is a word or syllable not necessary to the sense, but inserted to fill a vacancy or for ornament. The Greek language abounds with expletives." So far as the word answers no other purpose than to "fill a vacancy," it is properly expletive, but if it be appropriate and graceful enough to deserve the name of an "ornament," it is not superfluous, and therefore is not an expletive. In most cases, indeed, the vacancy filled by words of this class is not merely a defect of continuity in the syntax, but it indicates a positive want of thought, and ignorant and illogical per-

sons are naturally very prone to interlard their discourse with these fragmentary expressions. The frequent use of interjections, expletives, and vague or unmeaning phrases of all kinds, is therefore inadmissible in a really elegant and graceful conversational style; and though I hope the caution is superfluous, I should not do justice to my subject were I to omit to express my full concurrence in the condemnation which, for intellectual as well as social and moral reasons alike, persons of culture award to the employment of profane language, a vice eminently ungraceful in itself, and vulgarizing in its influence. "Othes," says King James, "are but a use, and a sinne clothed with no delight nor game, and therefore the more inexcusable in the sight of men."

The remark with which Webster accompanes his definition of the word expletive, namely, that the Greek language abounds in such, is in my opinion as erroneous as the definition is defective. The Greeks, like the modern Italians, were an exceedingly excitable and impressible people, and, like them, they used a great number of interjections. We certainly are far from being able to discover the precise force of these; still less can we find equivalents for them in a language which, like ours, is spoken by a graver and more reserved people, and therefore possesses fewer words of this class; but with regard to the numerous particles and other words which Webster apparently classes among expletives, we are not authorized to infer that they were superfluous to the sense of the passages where they occur, barely because we do not see the necessity of them. The supposition is contrary to all we know of the habits of the Greek mind, and it is much safer to presume that they had a meaning and a force which our imperfect knowledge of the niceties of the language forbids us to appreciate, than to believe that Plato, and Aristotle, and Xenophon thought so inconsecutively as to be obliged to fill the interstices of their mental structures with insignificant rubbish.

In commencing the study of foreign languages, we meet with many words, to which dictionaries assign no distinct meaning, and which appear superfluous to the sense of the period, and therefore to be expletives. But further study generally shows us that they, however difficult to define in themselves, have, nevertheless, an important influence on the sense of the period, by strengthening, moderating, or otherwise qualifying, the signification of leading words. The German, as well as the Greek, is rich in these particles, and the existence of the German as a living speech enables foreigners to acquire a much clearer comprehension of these, at first sight insignificant, elements than is possible in the case of a language which, like the Greek, survives only as a written tongue.

The Greek and Latin languages are remarkably distinguished from each other in the number and the character of the interjections, and it

will in general be found that the use and signification of the interjections employed in any language furnish a very tolerable key to the character of the people who speak it. The modern Italians have inherited from their Roman ancestors a great number of elliptical passionate phrases, which are employed in this way, and the frequent introduction of the names of the heathen deities, together with those of the Virgin Mary and the saints, in their ejaculatory exclamations, produces a ludicrous effect upon a stranger. One of these has even found its way into German and English. In the comedies and other light literature of both, in the last century, it is of frequent occurrence, and if we can judge from them, it was very current in fashionable society, though probably few of the fine ladies, who so often exclaimed "O gemini!" (juniny or jemin), knew that the phrase was a Latin invocation of the divine brothers, Castor and Pollux.*

* The Italian *diavine!* is a different word, in *diaboli nomine!*

LECTURE XIV.

THE NOUN, ADJECTIVE, AND VERB.

- § 1. Historical succession of words. § 2. Grammatical nomenclature. Noun.
 § 3 Verb. the German term "time-word" objectionable § 4. Definition
 of the Noun. nouns as etymological material. § 5 Endings of nouns in
 Anglo-Saxon. -er, -ster, -ess § 6. Endings in -ling, -le, -et, -dom, -hood,
-ship, -ness § 7. Latin and French endings of nouns. § 8 English prefixes
 § 9. Different meanings of the singular and plural of the same nouns.
 § 10. The adjective as an abstract noun § 11. Peculiarity of the English
 adjective. § 12. Peculiarity of the English verb

§ 1. It is not disputed, that in the genesis of language the interjection, even if not technically a part of speech, and the onomatopoeic or imitative words, must be regarded as the primary linguistic utterances, but grammatical physiologists differ much with respect to the order of succession in the other principal parts of speech. Presented in the usual form of a historical problem, the inquiry is an idle one, for the noun, whether substantive or adjective, and the verb, can be conceived of as existing only as members of a period or proposition, and therefore the noun supposes the verb, and the verb the noun. With the exception of the Lautgeberden, or vocal-gestures, and the imitative sounds, words are as essentially and necessarily social as man himself, and a single word can no more spring into spontaneous life, or exist in isolation, than can the intelligent being who uses it. We know external objects only by their sensuous properties and their action, and we must necessarily suppose all names of objects to have been primarily descriptive, because we can imagine no possible ground of a name, but the ascription of a quality or an act as characteristic of the object named. It would seem, then, that before the name could be applied, the adjective or the verb expressive of the quality or act, the predicate, in short, must exist; and on the other hand, as concrete ideas must precede abstract ones, we cannot comprehend the origin of the adjective or the verb, independently of the noun, or name of some object possessing the quality, or habitually practising the act, predicated by the adjective or verb. But though words have no separate individual existence, though they live and move only in interdependence upon each other, yet in studying their forms and organization, each must be primarily investigated by itself, because the limited nature of our faculties,

whether sensuous or intellectual, obliges us to acquire the knowledge of the whole by the successive study of its parts, of the complex, through an acquaintance with the simple elements of which it is conceived to be composed

In order to comprehend the physiology of a given language, or the functions and relations of its organs, a knowledge of its anatomy, or the normal structure of these organs, is necessary, and we will therefore examine briefly the formal characteristics of English words. These we have already considered in their bearing upon etymology, and though we are now to look at them from a different point of view, the facts are still the same, and I must accordingly be pardoned for some repetition of what, indeed, I by no means suppose to have been new when I first presented it. I do not propose in the present course to attempt a formal examination of every class of vocables into which grammarians have divided language, and I shall discuss only the character and offices of the noun or substantive, the adjective and the verb. I begin with the noun or substantive, not as historically first, or logically pre-eminent, but because, in learning words by the process of domestic instruction called the natural method, we commence with *names*

§ 2. Before proceeding further, it will not be amiss to suggest an observation or two upon the names which grammarians have given to these parts of speech. The word noun is derived from the Latin nomen, a name, and is a very appropriate designation for the substantive, which is properly the *name* of an object. English grammarians generally include under the *noun* the adjective, and speak of nouns substantive and nouns adjective. The ground of this nomenclature is the theory, that the adjective is to be regarded as the name of an accident or quality existing not independently or abstractly, but only in the concrete, and that the term which designates an accident is not properly entitled to a separate grammatical position, but must be considered as a mere appendage or adjunct of the substantive. But this view is without any solid foundation. The verb is as truly the *name* of the act or status it represents, as the adjective of the quality it expresses, and there would be the same propriety in styling the former the noun *verbal*, as the latter the noun *adjective*. The designations *noun substantive* and *noun adjective*, even if logically accurate, are moreover objectionable for grammatical purposes, as being awkward and unwieldy. I therefore discard them, and though I may occasionally employ *substantive*, to vary the phrase, yet I shall generally use *noun* as equivalent to noun substantive, and not as embracing the adjective, which I consider as included in it only by a misnomer.

§ 3. The Roman grammarians applied to the member of the proposition which predicates of a subject *being, state, volition, action* or

perception, the name of verbum, or the word, as emphatically the most important vocable in the period, or as the *word* which asserts, and in a sense embodies the proposition, and the term *verb*, commonly employed in most European languages, like other technical words of modern grammar, is derived from the Latin appellation. German philologists, however, commonly style the verb *Zeitwort*, time-word, because the verb, by its form, or by the aid of auxiliaries, generally expresses the period of the act or status described, as past, present, or future, and of course involves the notion of time. But this nomenclature appears to be highly objectionable

Whenever we describe or name an object by a quality either unessential, or relatively unimportant, to our conception of its true character, we utter a philological untruth, and proclaim a philosophical error. We can as easily abstract the notion of an act or a condition from time, as we can that of colour, or any other sensuous quality. We can as well imagine the act of running, or striking, without any reference to the period when the act takes place, as we can the property of redness, of weight, of sourness or sweetness, and therefore, although the variable forms of verbs usually express time, yet to the primary notion conveyed by the verb, time is as unessential as it is to our conception of the taste of an orange. We may go further, and affirm that in strictness all verbs express present time, when they refer to time at all. In the process of ratiocination, we think by general terms alone, without reference to time, but it is certain that when we individualize an act or state, the image which it suggests is necessarily a present one. Whether I say, "Mr. Church painted his Heart of the Andes last year," or "Mr. Church will paint the Jungfrau next year," the picture and the painter are not past or future to my imagination, but present, and therefore the verb I use excites in both my mind and that of my hearer a notion of a present artist and a present act. The imagination lives in a perpetual now. The notion of an individual event as having been, or as yet to be, is a purely logical conception, and only general propositions which exist in words alone, only that which we cannot picture to ourselves, that which has no specific reality, but is a mere intellectual figment, can be detached from the notion of present time at all. In most languages, verbs have forms which exclude the notion of time, as, for example, the infinitive as used in modern English; and even the forms grammatically expressive of time are, in general propositions, employed aoristically, or without any reference to time. For example, when I say "birds fly," I do not affirm that birds are *now* flying, that they actually *did* fly, or *will* fly, at any past or future point of time, but simply that the power of flight is at all times an attribute of the bird. The present tense of the verb to *fly*, as thus used, is as absolutely independent of time as the noun *bird*, or the adjective *red*,

by which I may qualify it. If the expression of time is an inherent necessity of the verb, special forms for the future as well as the present and the past ought to be universal, but in most modern European languages, the future is a compound, the elements of which are a *present* auxiliary and an *aorist* infinitive, for in the phrases I *shall* go, he *will* go, *shall* and *will* are in the present tense, and *go* is aoristic. The Anglo-Saxon, with a single exception in the case of a substantive verb, had absolutely no mode of expressing the future by any verbal form, simple or compound. The context alone determined the time, and in German, in the Scandinavian dialects, and in English, we still very commonly, as the Anglo-Saxons did, express the future by a present. *Ich gehe morgen nach London*, I go, or I am going, to London to-morrow, are more frequently used by Germans and Englishmen than *ich werde gehen*, I shall or will go; and the adverbial nouns *morgen* and to-morrow, not the verbs *gehen* and go, are the true time-words. The use of the present for the past, too, especially in spirited narrative and in poetry, is not less familiar, and in both these cases the expression of time belongs to the grammatical period, not to the verb.

The missionary Bowen, whose grammar and dictionary of the Yoruba language are about to be published by the Smithsonian Institution, informs us that in that tongue the verbs have no inflexions whatever for mood, tense, number or person, and that all logical and grammatical relations of the verb are expressed by particles and auxiliaries. To call the verb the *time-word* is therefore to name it by an accident, not by an essential characteristic; by an occasional, not a universal property. In fact, nearly the whole modern German scientific terminology is objectionable for similar reasons, and, as I have before attempted to show, also on higher philosophical grounds. The simple word *verb* is preferable to any other designation, not because, when we study its etymology, we find it truly descriptive, as indicating the relative importance of this word in the period, but precisely for the opposite reason, namely, that to English ears it is not descriptive at all, but purely arbitrary, and therefore is susceptible of exact definition, and not by its very form suggestive of incongruous images or mistaken theory.

§ 4. The simplest, and, for the purposes of the present course, the best definition of the noun is that it is the name of a person, place or thing, of that, in short, which may be an object of thought, whether as a sensuous perception, or as an intellectual conception, or, in other words, that which may be the subject of a proposition.

Grammarians and logicians divide nouns into a great number of classes, but we shall find it sufficient for our object to regard only the most general division, which is that into *proper nouns*, or names of individual persons, places, or things, as *Cicero*, *London*, *Great Eastern*

and common nouns, which are applied to whole species, genera, classes, as man, city, ship

The resemblance between the noun, as an English part of speech, and the noun of other languages, is closer than that between the verb or even the adjective and their foreign representatives. They have usually the distinction of number, one inflexion of case, the genitive or possessive, and some of them even genders, so that all the formal characteristics of this class of words are more or less fully exemplified in English grammar, nor are they distinguished by any peculiarities of syntactical or logical character.

Whatever of special interest, therefore, attaches to the English noun, must depend upon its etymological character, or the extent to which it may be derived from, or converted into, other parts of speech, the changes of signification which particular nouns undergo, and the number of distinct objects to which our language has given appropriate names. The very important question of the relation between the signification of nouns, and the moral and intellectual character of those who employ them, has been already touched upon, and its fuller consideration belongs elsewhere. First, then, of nouns as originative or derivative, as etymological material, or etymological product. There are languages in which almost all words may interchangeably assume every syntactical and logical relation, and each root in its turn run through all the grammatical categories. Of all the improvements which could be devised for speech, if speech were susceptible of artificial amelioration, this would be one of the most convenient. Our word hand may serve as an example of this: we have from this root the verb to *hand*, to deliver by hand, and, as Milton uses it, to join hands; the verb *handle*, to use or hold with the hand, to manipulate, and, figuratively, to treat of or discuss; the adjectives *handlable*, that which may be handled, *handless*, without hands, *handy*, skilful, ingenious, convenient, or what is still better expressed by the Latin *dexterous*, to which the etymological correlative would be *right handy*; the adverb *handily*, skilfully; the secondary noun *handle*, that by which a thing is lifted, and, more remotely, the adjective *handsome*, and adverb *handsomely*, which, however, are of doubtful etymology, and used in a sense very divergent from that of the supposed root. Besides these derivatives, we have numerous compounds into which *hand* enters, but these do not belong to the subject we are at this moment pursuing. The power of thus varying the noun is a real advantage which modern English has, or (for at present we make much less use of it than formerly) had, over the Anglo-Saxon. In the struggle between Norman French and Anglo-Saxon after the Conquest, the native dialect of England was, for a time, subdued, and undoubtedly in real danger of extermination. When at length it revived, it was with much

loss of its pristine power. Its inflexions were gone, and its facility of composition very much restricted. These it strove in vain to regain, but in its efforts it struck out a new path of improvement, and but for the influence of classical literature, which printing made predominant, and the consequent introduction of numerous Latin words and forms, that path would have been pursued to very important results * The Anglo-Saxon was rather synthetical than analytical in its tendencies, and adopted new combinations and compositions with great ease, but lent itself less readily to derivative changes. Hence, though there are, I think, not less than a hundred Saxon compounds into which the noun *hand* enters, yet the only true derivatives I find are *handlian* and *handle*, whereas we have made five or six new English un-compounded words from this one root. At present, the movement is quite in the contrary direction, and we incline in more ways than one to borrow from foreign sources rather than to grow from our own germs, and manufacture from our own material. The verbalization, if I may so express it, of a noun, is now a difficult matter, and we shrink from the employment even of well-authorized old *nominal* verbs. It is to Old English that we owe our verbs *to man*, *to house*, *to horse*, *to wood* and *to water*, *to game*, *to saddle* and *bridle*, *to shield*, *to sail*, *to fine*, and Sylvester even goes the length of forming a verb from the generic name of a divinity:

“Some, *Goddling* Fortune, idol of ambition;”

Goddling-being used for deifying. *To dishearten* maintains its ground, but the place of its converse *to hearten* is generally supplied by the much inferior French verb *to encourage*, though some eminent writers have lately revived our excellent old word, and at least the participial adjective *heartened* may be considered as re-established †

* See Lecture XVIII.

† Foreigners and children often seize on the primitive analogies of language, and by an unconscious generalization employ forms of expression which, though so nearly obsolete as to strike us as un-English, are nevertheless strictly idiomatic. Hence they constantly employ nouns for verbs, and few Englishmen have travelled in Europe without being asked by Continental servants ambitious of displaying their English, “Did you *bell*?” for “did you ring?” Children will say “it *winds*,” for “it blows,” and in this instance they create, not revive, a Saxon verb, for neither the Anglo-Saxon nor the Scandinavian languages possess a verb correlative to the noun *wind*, and corresponding to the Mæso-Gothic *vraian* and the German *wehen*.

Gower made a noun of the verb *will*

“But yet is nought my fest all plain,
But all of *woldes* and of *wisshes*,” &c.

Conf. Am., Pauli, tit. 32

Several examples of the use of *to out* as a verb will be found in Richardson. There is some confusion between this verb and the legal term *to oust*, which has

Verbs of this class are generally from Saxon roots. For the most part they refer to sensuous objects or material operations, and they are uniformly characterized by great directness and force of expression. We have, in some few cases, applied this process to nouns of foreign origin, as, for example, to *station* and to *post* a sentry, to *provision* a fortress, to *preface* an address, and Milton has "to *syllable* men's names," but such cases are not frequent.

§ 5 The Anglo-Saxon nouns had a large number of characteristic endings, by which they were distinguished from other parts of speech. Some of these probably were mere dialectic differences, but they were, no doubt, all originally significant of gender, quality, action, or state, though there are many of them to which no distinct force can now be assigned, even in the earliest forms in which the language has come down to us.* In modern English these endings have, in great part, been dropped or transformed, or have lost their significance, and are no longer distinguishable as expressive elements of the noun. Some of them, however, are in active, though constantly diminishing use, and still retain their original power. Such is the syllable -er, which we add to the infinitive of verbs, and thus form verbal nouns signifying the agent or subject of the verb from which it is derived. Thus a runner is he who runs, a writer he who writes. This ending, with more or less difference of orthography, is common to all the Scandinavian, Teutonic, and Romance tongues, and the convenience, not to say the necessity, of such a form will probably keep it alive in all of them, in spite of the general effort of modern languages to free themselves from grammatical characteristics. The fact that it exists in all the sources from which our general vocabulary is drawn, commends it to us as an essential element of speech, and we apply it indiscriminately to verbal roots from whatever origin derived. Although I am much averse to orthographical novelties, yet I admit there is force in the arguments which have been urged for the spelling -er in preference to -or, even in words of Latin etymology, and I think we should gain both in uniformity and in expressiveness by the general adoption of the Saxon form.

This termination was originally masculine exclusively, the corresponding Anglo-Saxon feminine termination being -stre, as seamestre, still extant in the form seamster or sempster. In Old English the termination -ster was sometimes regarded as a feminine, but such does not appear ever to have been the general

been supposed to be from the French *ôter* (*oster*), and *oust* may be but a Gallized orthography of *out*. See Notes and Illustrations (A), *On the Phrases* 'My Love,' 'Her Love.'

* [A list of Anglo-Saxon terminations of nouns and adjectives is given in Notes and Illustrations (B)—ED.]

English usage,* and I believe *spinster* is the only remaining word of this formation which is confined to the female sex. But here, the signification in which the word is now alone used, that of an unmarried woman, determines the gender, and the ending has no grammatical force. Besides the general tendency of English to the rejection of distinctive forms, there was, in this case, a special reason for discarding an ending which the introduction of so many foreign words with the same terminal syllable had made too ambiguous to serve any longer its original purpose. The number of English words in *-ster*, taken directly from foreign languages, or formed from roots ending in *-st*, is not less than one hundred, and most of these are either masculine or incapable of gender, while of Saxon words originally feminine with this ending, I believe that *sempster*, *songster* and *spinster* are the only ones still extant. *Songster* and *sempster* may be of either gender, although they are no doubt derivatives of the Saxon feminines *sangistre* and *seamestre*, and not, as Webster strangely supposes, formed from the radical, and the root of the verb *to steer*.† The fact that the termination *-ess* has been applied to both these words, to make them feminine, shows that the ending *-ster* was not considered as indicative of gender. It is not used as a feminine sign in Layamon, in the 'Ormulum,' or, as I believe, in Robert of Gloucester. We may therefore conclude that it is not to be regarded as having ever had any specific force in English grammar.

The feminine ending *-ess* is an indirect derivative of the Latin termination *-ix*, but it has never been very freely used in English, and has been applied to few native radicals. Indeed, it has been dropped from many alien words to which it was formerly attached.‡

§ 6. We still possess and employ, though with reluctance, the diminutive ending in *-ling*, as in *gosling*, *nestling*, *nurseling*, in which last word the root is Romance, but the coincidence of this termination with that of the modern form of the active participle, and the number of verbal nouns derived from roots ending in *-le*, have nearly deprived it of its significance, and the Norman diminutive in *-et* has gradually supplanted it, even in words of Saxon origin §. The endings in *-dom*, *-hood* and *-ship* are still employed, but with constantly diminishing frequency, and the termination in *-ness*,

* See Notes and Illustrations (C), Termination '*-ster*'

† Webster's Dictionary, under *Songster*.

‡ *Spousesse*, *cosnesse*, and *synneresse*, occur in Wycliffe's New Testament, and *saintess* in Bishop Fisher's works. Fuller, *Comment on Ruth*, p. 104, has *snee-saint*.

§ [There is also the diminutive ending *-lin*, as in *hilderlin*, *bumpkin*, on which see Notes and Illustrations (D), *English Diminutives*.—ED.]

indicative of quality, and that in *-er*, of action are the only Saxon finals which can be said to have fairly mainained their ground. The former of these, as well as the latter, we have applied to French and Latin roots without any feeling of incongruity, but the present course of the language is adverse to the formation of new words of this class, and of the fifteen hundred nouns ending in *-ness* contained in Walker's Rhyming Dictionary, a very large number are already obsolete, if indeed ever authorized.

§ 7. The place of the obsolete and obsolescent Saxon nominal terminations has been in part supplied by Latin and French endings, in *-ty*, *-ion*, *-ude*, *-ure*, *-ess*, *-ice*, and *-ment*, but there is very generally a reluctance to adapt these to Saxon roots, which much restricts the formation of nouns from other words. *Betterment*, much used by the best writers of the seventeenth century in the sense of *improvement*, *growing* or *making better*, either in a moral or a physical sense, has nearly gone out of use, and is hardly employed, except as a technical term in the jurisprudence of some of the United States. Spenser's *unruliment* does not appear to have been much employed by other writers, if indeed not altogether peculiar to himself*. In the case of *enlistment*, we feel no such reluctance, and the reason is, that though we have the word *list*, in Anglo-Saxon, in the sense of a border, yet *list*, a roll, whence our verb *to enlist*, is probably French, and we readily adjoin a French nominal ending to a verb of French etymology. We have more than three hundred English verbal nouns with the ending *-ment*, of which only fifteen or twenty are from Saxon roots, and the proportion of native nouns with other foreign endings is scarcely larger.

§ 8. Were all these Latin and French terminations as readily applicable to Saxon roots as are the Saxon endings to foreign radicals, we could hardly be said to have suffered a loss by the exchange of one class for the other, inasmuch as the Gothic characteristic is not essentially more expressive than the Roman, but with respect to the prefixes applied to nouns the case seems to me otherwise. For instance, our inseparable prefixes *mi* and *wan*, which, until the invention of printing familiarized the English mind and ear with the prefixes of the classical languages, were applied to the noun and the adjective, as well as to the verb, had greater force of expression than any of the particles which have been introduced to supply their place. The negative or privative *un-* was also formerly freely applied to nouns, as it is at this day in German, such words

* *Regal* or *regul*, a rule, occurs in Anglo-Saxon, as well as in most of the Gothic dialects, and therefore is no stranger to English ears, but whether it is a native or a borrowed word is a matter of a good deal of doubt.

as an *ungentleman*, *unnobleness*, *unhap*, *unkunnyng* (ignorance), *unpower* (impotence), *unright*, and the like, often occurring in old writers. In words of Latin origin, modern English generally substitutes *non* for the inseparable particle *un-*, as non-conformity.*

§ 9 A curious mode of changing, extending, or restricting the sense of nouns, not indeed peculiar to English, is by ascribing different meanings to the singular and the plural. Thus, in some communities, where social revolutions are frequent, where the low of one generation are the lofty of the next, and where at the same time there is so little of honest pride, that the son is ashamed of the paternal virtues to which he owes his own high position, it is very bad manners to ask a gentleman, what was his father's calling, and yet the manner of putting the question may be wholly unexceptionable; and on the other hand, one may scrupulously conform to every rule of good breeding, and therefore be entitled to the praise of good manners, while the manner of every action may be ungraceful, or even almost ungracious. And when it was asked whether a wealthy lawyer had acquired his great riches by his practice, there was a terrible satire in the answer: "Yes, by his practices."

§ 10 The formation of abstract nouns from the adjective, or rather the use of the adjective itself as an abstract noun, is an important feature of many languages, but not suited to the genius of modern English, because the want of distinctions of gender in our adjectives makes all such expressions equivocal. We do indeed, copying from the Greek, use the adjective *beautiful*, in the form *the beautiful*, to express the quality or essence of beauty, but, as the form of the adjective does not indicate number or gender, it is not in such phrases necessarily taken abstractly, as is τὸ καλὸν in Greek. Nouns of this sort have a very peculiar force in languages which, like Greek and German, admit them, nor can their place be exactly supplied by any periphrase. The τὸ καλὸν of the Greeks, the das Schöne of the Germans, have no precise English equivalent, and the loss of the neuter adjective, and consequently of the abstract noun formed from it, in modern English, is a serious deficiency in our philosophical and critical vocabulary.

§ 11. The only striking peculiarity of the English adjective, as compared with the same part of speech in other languages, is its invariability, or its want of distinct forms for different cases, genders and numbers. The irreconcilability of the Norman and the Saxon

* Trench employs *unacquaintance*, a hybrid, but authorised by good writers, though now little used—*On the Auth Version of the New Testament*, chapter ii. [A list of the chief Anglo-Saxon prefixes is given in Notes and Illustrations (C)—Ed.]

modes of inflecting adjectives compelled the English to discard them both, but the Saxon endings of number especially were not given up until the fifteenth century, and some of them held out later. Hooker, who spells the adjective *dear* without a final *e* in the singular, in using it as a plural noun, spells it *deare*, and says "my deare" for my dears, where a modern sermonizer would introduce a noun, and say "my dear hearers."* Another remarkable form in a single instance survived almost as long. I refer to *alder*, or, sometimes and more properly *aller*, the genitive plural of the adjective *all*. Thus our *alder father*, our *aller father*, means father of us all, *alder* or *aller* being properly an adjective, and *our* used as a personal, not an adjective, pronoun in the genitive plural. Palsgrave very frequently, and indeed most usually, gives the adjective a plural form in *s* where it follows the noun, as verbs passives, verbs actives personnelles.

There was, for a long time, an increasing inclination to reject the regular comparative and superlative degrees, and to substitute in all cases the comparison by *more* and *most*, a construction Norman in form, though the qualifying adverbs are Saxon. The prevalence of this latter method at the period in question was one of the fruits of that Gallic influence which, during the early and latter part of the seventeenth century, so seriously threatened the literary and linguistic as well as the political nationality of England, but happily we have now returned to our native allegiance, and the legitimate and expressive Saxon inflexion has recovered its lawful ascendancy.† The rejection of the signs of case, gender, and number is attended with the common inconvenience of all our syntax, the necessity of assigning to the adjective, as well as to other words, a fixed position in the period; but in point of force and precision of expression, little has been lost by discarding the inflexions of this part of speech, and especially the superfluous distinction between the definite and the indefinite forms.

* [Dr Guest observes, "The use of the plural inflexion *e* in adjectives is so general in our Old-English MSS, that, whenever an uninflected adjective is joined to a plural substantive, the exception ought always to be noticed, and, if possible, explained"—*Trans Philol Soc.*, vol. ii p. 70.—ED.]

† We employ, in poly-syllabic adjectives the inflected superlative more freely than the inflected comparative, for the reason that the ending *er* has a different significance when applied to nouns, and therefore an adjective compared by that ending might be confounded with a noun of like form. See Lecture VI.

The following extract from a letter, written about 1470, shows a curious succession of superlatives in both modes of comparison. "Ye most corteys gentlest wysest kyndest most companabyll freest largest most bownteous knyght my Lord the Erle of Arran. . . . He is on the lyghtest delyuerest best spoken fyrest Archer derowghtest most p'fyghte and trewest to hys Lady of all the haryghtys that ever I was aqweyntyd wt."—*Paston Letters*, ii. 9b.

§ 12. The English verb, in common with that of the Germanic dialects, is distinguished from the Latin and Greek by the want of a passive voice and of future tenses, by the fewness of its past tenses, and by the admission of the letter-change as a mode of conjugation. I shall notice hereafter a tendency of Early English to the creation of new verbal forms,* but I have not detected any unequivocal trace of a rudimental passive, of the development of which the Swedish and Danish offer so interesting an example, or of a true future, for the occasional coalescence of *will* and *shall* with the verb *to be*, as *wilbe* and *shalbe*, is rather a matter of orthographical and typographical convenience than a grammatical agglutination. It is a curious fact that the Romance languages, as well as the Romance, at one period of their history, all rejected the ancient inflected futures, and formed new compound or auxiliary ones, employing for that purpose the verbs *will* and *shall*, or *have* in the sense of duty or necessity, though French, Italian, Spanish and Portuguese have now agglutinated the infinitive and auxiliary into a simple future.† Why is it that the Gothic languages have always possessed a past tense, never a future? Why did the Romance dialects retain the Latin past forms, and reject the Latin future? A philological fact of so comprehensive a nature must have some common psychological ground, for we certainly cannot ascribe it to any external linguistic influence. It is perhaps not an absurd suggestion, that we may find the explanation in the habits of thought and feeling resulting from states of society which had too little of the elements of stable security, steady progress, and seductive hope, to encourage much speculation as to what the morrow might bring forth. To our rude ancestors, and to the people of southern Europe in the middle ages, the present was full of stern necessities, the past, of hard and painfully impressed realities. The future offered but dim uncertainties, and hopeless anticipations. Hence they lived, not in a dream-land of the imagination to be realized in the good time coming, but in a *now* which demanded the exertion of their mightiest energies, or in a *past*, whose actuality had stamped itself upon their inmost natures. The future was too doubtful to justify the employment of words implying prediction or even hope, and they appropriated to it forms indicative of a present purpose, determination, or duty, not of prophecy or of expectation.‡

The English verb is moreover distinguished from that of most other languages by the remarkable peculiarity of wanting characteristic radical forms. To this observation there are a few exceptions. We have the Greek and French ending *-ize*, as in *energize*, the Latin

* See Lecture XVIII.

† See Lecture XV.

‡ [On the want of a future tense, see Notes and Illustrations (F) — E.]

2 -ate, as in *create*, and the Latin and French *-fy*, as to *fructify*, to *specify*. But these are employed only with Greek, Latin and French roots; and such anomalous derivatives as Sylvester's *boundify* and the American *happify* have met with little success,* so that these endings are rather to be considered as elements of the imported word than as possessing a properly English significance. We have also the Saxon prefix *be-*, as to *bedew*, to *beleaguer*, generally applied only to verbal and nominal roots, though we sometimes verbalize an adjective by the aid of this prefix, as to *besot*, which is authorized by Milton and Shakespeare. But this formation is repugnant to the language, and nothing but the want of a good synonym has enabled Mr Jefferson's verb to *belittle* to keep its place in the United States. The English verb, like that of most other languages, is, in the majority of cases, derived from a noun, and the want of a specific verbal form renders the transfer of a word from the class of nouns to that of verbs perfectly idiomatic and proper, though, as I have just remarked, we now rarely employ that process. There is one important ending, however, by the aid of which we may convert adjectives into verbs. This is the ending *-en*, as to *blacken*. The resemblance between this form and the Saxon infinitive ending *-an*, naturally suggests the supposition of their identity, and this view would seem to be confirmed by the fact that it is applied to Saxon radicals only, but grammarians generally consider the coincidence of sound accidental, and the modern termination in *-en*, which is not the sign of a mood, like the Saxon *-an*, but the characteristic of a part of speech, is regarded as the development of a new grammatical form. A few verbs of this class, as *lengthen* and *strengthen*, are derived from nouns, the noun being probably employed instead of the conjugate adjective for orthoepical reasons, but in general, only adjectives expressing the sensuous qualities of objects at present admit of this change. In earlier stages of the language it was otherwise. In the 'Ormulum' we find to *gooden*, to make good, also to benefit, and Milton and Southey employ the verb to *worsen*, to make or grow worse, but this has unhappily fallen into disuse † The reason

* Robertson (*Address to Working Man's Institute*) uses *happified*.

† In Wycliffe's time, the adjective was often used as a verb, without any change of form except such as was occasioned by the inflexions then in use. Thus, Matthew xxiii 12: "Forsothe he that shal *hise* hym self shal be *me'ed*, and he that shal *mee'e* hymself shal ben enhaunsid." And in Luke xiv 11: "And he that *me'eth* him self, shall be *higed*." Wotton makes *honest* a verb, with no change but that of inflexion —

"The pretence, whereby a desperate discontented assassinate would after the perpetration have *honested* a meer private revenge." — *Reliquiæ*, 1651, p. 34.

The use of the passive form *assassinate* for *assassin* is also noticeable in the

Gower uses *more* and *less* as transitive verbs.

of this is doubtless to be found in the disposition which long prevailed to restrict the employment of Saxon words to the expression of the material and the sensuous, and to borrow the phraseology of moral and intellectual discourse from the Greek, the Latin, and the French

The English substantive verb, or that which expresses *being*, and which in most instances serves only as a copula to connect the subject and the predicate, partakes of the irregularity which generally marks the conjugation of the corresponding verb in other languages. Its different parts are doubtless derived from different radicals, for *be* and *am* can hardly be supposed to be divergent forms of the same word. The Saxon *weorþan*, which corresponded to the German *werden*, has unfortunately become obsolete, and now survives only in the phrases "woe worth the day!" "woe worth the man!" and the like.* *Weorþan*, though in some sort often an auxiliary, was not used as a sign of the passive, like the German *werden*, but generally retained its independent signification, and its disappearance is a real loss to the language.†

In the opinion of the ablest linguists, English has lost nothing in force, variety, or precision of expression, by the simplification of its forms, and the substitution of determinatives for inflexions. The present movement is still in the same direction. The subjunctive is

"What he woll make *lasse*, he *lasseth*,

What he woll make *more*, he *moreth*"—*Paul's ẽd* III 14.

"So that it mighte nought be *mored*"—*Ibid* 254

The verbs *to less* and *to honest* are both found in the older Wychffite version, the former in *Ecclus* xviii 5, xix 5, 7, where the later text has *mafe lesse* and *made lesse*, the latter in *Ecclus* xi 23

* [In these instances *woe* is a substantive, and *day* and *man* have the force of the dative case, as in *me seems*, or *methinks*, or *woe is me*. In the *Tempest*, act i. sc 2, we have *woe thee day* without *worth*. See Sir Edmund Head's *Shall and Will*, p 87—ED.]

† *Weorþan*, or *worþen*, is not unfrequent in Early English. For example, in one of the old Prologues to the English Scriptures, Wychffite Versions, i. p. 40, note, we find —

"Alle gladnes and delite of this erthely vanyte vanyschith, and at the last *worþith* to nought."

In fact this verb did not become altogether obsolete until the seventeenth century, for Heywood says —

"Thou therefore that *wast* nothing before thou *wert*," &c &c "Thou, which *wast* not, *wert* made." "Give me a reason (if thou canst) how thou *wert* created"—*The Hierarchy of the blessed Angels*, London, 1635, p 383

In these cases, *wert* is not the subjunctive of the verb *to be*, but a remnant of *worþen*, and, in the last two, used as a passive auxiliary.

[Dr. Guest observes (*Trans Philol Soc*, ii p 223) that the verb *worþ* was once very generally used in our southern dialects with a future signification, and was thus inflected—Sing *worþe*, *worst*, *worþ* Pl *worþeth*

Among other examples he quotes the following—"Help thi lynde eritage, and thou *worst* (shall be) ther kyng anon"—*Robert of Gloucester*, 101.—ED.]

evidently passing out of use, and there is good reason to suppose that it will soon become obsolete altogether. The compound past infinitive also, formerly very frequent, is almost disused. Lord Berners says: should have aided *to have destroyed*, had made haste *to have entered*, and the like; and this was common in colloquial usage until a very recent period. In cases of this sort, where the relations of time are clearly expressed by the first auxiliary, it is evident that nothing is gained by employing a second auxiliary to fix more precisely the category of the infinitive, but where the simple inflected past tense precedes the infinitive, there is sometimes ground for the employment of an auxiliary with the latter. *I intended to go* and *I intended to have gone*, do not necessarily express precisely the same thing, but the latter form is not likely long to resist the present inclination to make the infinitive strictly aoristic, and such forms as *I had intended to go* will supersede the past tense of the latter mood.

NOTES AND ILLUSTRATIONS.

A. ON THE PHRASES *MY LONE*,
HER LONE. (See p. 207.)

In old English and Scottish popular poetry, ballads especially, *my lone*, or *lone*, *her lone*, are often used for *I alone*, *she alone*, &c. I lately heard a child of three years old say, on several different occasions - "Put me into the swing. I can't get up *my lone*."

Alone, as well as the corresponding word in all the Gothic languages, is a compound of *all* and *one*, and it is altogether recent in origin, for it does not exist in Anglo-Saxon, Old Northern, *Mæro-Gothic*, Old High German, or even Middle High German, though it is found in the modern representatives of all these dialects. Robert of Gloucester has *al one*, as, "The Vo-tiger was *al one*," and Robert de Brunne, *alone*, at least according to the printed copies; but, in general, the words were written separately, and syntactically connected with the objective of a personal or sometimes a possessive pronoun, until near the close of the fourteenth century. Thus, Gower:—

"But, for he may nought *all him one*
In sundry places do justice," &c.
Paul's ed. iii. 175

"The king, which made mochel mone,
Tho stood as who sauth *all him one*
Withoute wife," &c.

Ibid li. 265.

The forms, *my lone*, *her lone*, &c., originated, no doubt, in a hasty pronunciation of *me all one*, *her all one*, and became established by the ignorance of the ballad-mongers.

In the *Harroving of Hell*, a religious poem written not far from the year 1300, published by Halliwell, Dominus says to Sathan:

"Ant thou shalt wyte wel to day,
Thou mine wolle y have away.
Wen thou bilevest *al thyn one*,
Thenne myht thou grede and grone."

Halliwell renders the verse, "Wen thou bilevest *al thyn one*," "When thou last none but thine *own* left." This Garnett contemptuously cites as an instance of the way in which Halliwell "can pervert the sense of the very plainest passages," and he explains the verse by ascribing to *bilevest* the sense of *lovest*, *renounces*, so that the meaning would be, "When thou lovest all thine *own*," that is, all the souls of the patriarchs and prophets in the *librius patrurum*,

who were released by Christ on his ascension, and whom Satan had claimed as his *own*

But Garnett's error is as gross as Halliwell's. Christ could not be supposed to admit that these souls were Satan's *own*, and the true meaning of the passage is when thou remainest alone, the limbus being left vacant by the rescue of the souls whom Christ carried up to Paradise

It is true that not much importance can be attached to the orthography of one, but I know no instance in which *own* is spelled *one*, and the sense of remain continued to be sometimes ascribed to *dilece* as late as the time of Chaucer. See *Cant. T.*, 10897.

[B ANGLO-SAXON TERMINATIONS OF
NOUNS AND ADJECTIVES (See p.
207)]

I—Nouns.

The following denote for the most part persons.—

-a cemp-a warrior, champion,

hunt-a hunter, bog-a boar

-ere. (E -er). reaf-ere robber, sæd-ere sower.

-end (from the part. pres.). Hæl-end Saviour, healer; weald-end ruler.

-e: hyrd-e herd, keeper, sig-e victory, riht-wis-e righteousness

-el, -ol, -l (E -le). byd-el herald, bead-le, gaf-ol tribute, gavel, set-l seat, self-le.

-ing. æðel-ing prince, young noble, Woden-ing son of Woden, earm-ing poor wretch

-ling (E -ling): cnæp-ling little boy; deor-ling darling. (See Note D)

-inle. rāp-inle little rope

-en (E -en) mægd-en maid-en, from mægð maid, cyc-en chick-en, from cocc cock.

-en (E -en). þeðd-en sovereign, byrð-en birth-en

-en (E en) Femines from masculines sometimes change the vowel, as, þen, þin-en slave, female slave, iox, fyx-en fox, cir-en; sometimes not, as, þeow, þeow-en slave. Some change the vowel, and take -e, others change the vowel only; as, mearh, myr-e horse, mare; wulf, wylf wolf, sh-wolf

-estre (E -ster): sang-estre

song-ster, from sangere singer, sæm-estre seam-ster, from sæm ere seamer, tailor.* (See next Note, C)

The following denote a state, action, or the like—

-dōm (E -dom). wis-dōm wisdom, cyne-dōm† king-ship

-hād (E. -head, -hood) mæden-hād maiden-head, cild-hād child-hood

-scipe. (E -ship) hlāford-scipe lord-ship; freond-scipe friend-ship.

-lāc (E -lock): wif-lāc, wed-lock

-að, -oð. hunt-að hunting; war-oð sea-shore.

-uð, -ð (E th) geog-uð youth, treow-ð troth, truth

-leāst (lyst, from adj. in-leās).

gyme-leāst heedlessness

-ung, -ing (E -ing). hālg-ung hallow-ing, leorn-ing learn-ing

-nes (-nys, -nis E. -ness): car-leās-nes careless-ness, ge-

lic-nes like-ness

-u, -eo, -o hæst-u heat. mænig-eo many, multitude; bræd-c breadth

-els (E -le). ræd-els ridd-le stic-c-els stick-le, sting

-ed. rec-ed mansion, eov-ed flock

-m (E -om). bot-m bott-om

-ot, -et, -t þeow-ot, þeow-t slavery, bærn-et burning.

-d, -t (E -th, -d, -f) ge-byr-d birth, ge-cyn-d kind, nature,

mih-t might

-ræden (ræd counsel). hiw-ræden house-hold; mæg-ræden relationship.

II—Adjectives.

-e. æðel-e noble; fæg-e fated, fey.

-ig (E -y): dreor-ig drear-y, bys-ig bus-y.

-lic (E -like, -ly). leof-lic love-ly, wif-lic woman-like, woman-ly

-isc (E. -ish). cild-isc child-ish; Engl-isc Engl-ish

* In *songstr-est*, *seamstr-est*, a Latin-French termination has been superadded.

† We have confounded *-dōm* and *-ric*, but *-dōm* was properly the office, rank, *-ric* the territory, thus, *cyne-dōm*, *cyne-ric*, *biscep-dōm*, *biscep-ric*, and the like.

-sum (E. *-some*). lang-sum *le-
dious, long-some*, wyn-sum *amiable,
win-some*.

-ol (-ul) sprec-ol *talkative*.

-en (E. *en*) fleax-en *flax-en*.
hæð-en *heath-en*

bære (beran *to bear*). lust-
bære *pleasant*, wæstm-bære
fruitful

-cund (cynn *kind, race*): wo-
ruld-cund *worldly*

-iht þorn-ih *thorny*

1. -weard (adj. and adv.; E. *-ward*):
to-weard *toward, to come*, hām-
weard *home-ward*

-feald (E. *-fold*): æn-feald
single, one-fold; twi-feald *two-
fold*, manig-feald *many-fold*

-leās (E. *less*) syn-leās *sin-
less*, ær-leās *void of honour, impious*

5. -wis (*wise*). ge-wis *certain*,
riht-wis *righteous*

6. -ern (E. *ern*). sūð-ern *south-
ern*

-tyme hefig-tyme *trouble-
some* -- From Vernon's *Anglo-Saxon
Guide*.—Ed.]

G. TERMINATION -ster. (See p 208)

Among the various readings in the Wycliffite versions, I find several instances of feminine nouns in -ster. They are, *daunstere*, Eccles. ix. 4, *dwelstere*, Jer. xxi. 13, *weilstere*, Jer. ix. 17, *sleestere*, Tobit iii. 9, *syngstere*, II Paral. xxxv. 25, and I Esdras ii. 65, and, in one instance, in the text of Purvey's version, II. Kings xix. 35. With this last exception, the texts employ, *daunseresse*, *dwelleresse*, *weileresse*, *sleeress*, and *syngeress*, or *woman-synger*. Other remarkable feminines in these versions are, *discipliss*, *decouress*, *sercrauntesse*, and *thrallresse*.

Piers Ploughman, Fison, 5087, has "Beton the *brestere*," where the context shows it to be feminine, and v. 8693, "As a *shepsteres* shere," feminine also, *shepster* not meaning a *sheep-shearer*, as Wright supposes, but a *seamsstress*, as appears from *Palsgrave*, v. *Schepstarre*, and *Nares*, v. *Sheps'er*. *Sheps'er* is *shapester*, one who *shapes*, *forms*, or *cuts out*, linen garments.

Tombstere, a female dancer, occurs more than once in Chaucer, and *frutstere*, 'Cant. Tales,' 12412, is apparently feminine. Minshew makes *seams'er*

feminine, and Ben Jonson, in the *Sat Shepherd*, ii. 3, employs *sew'ster* as a feminine, but in a rustic dialect. On the other hand, we find in *Piers Ploughman*, Fison, 4793, *canonistres* masculine. In 434-7, we have this passage—

"Baksteres and brewsteres
And bochiers manye,
Wollen webbesters
And weveres of linnen"

There is nothing in the context which would authorize the inference that the ending in the *e* words is indicative of sex, but at 2901-2 we read,

"My wif was a webbe,
And wollen cloth made"

which gives some countenance to the supposition that the weaving of *woollens* was a feminine occupation, and therefore that *webster* meant a female weaver.

Brewsters and baksters occur at verse 1514 of the same poem, but there is nothing in the period to indicate the sex, and the same remark applies to *spynnesteres* in verse 2003, and *wafrestere* in verse 3772. *Wafser* is applied to a male seller of wafers in verse 8478, but *regrater* to an occupation exercised by a woman, in verse 2923.

"Rose the regrater
Was hire righte name."

Hallwell says *balester* is used in Derbyshire for a female baker, and he supposes both *bakster* and *brewster* to be feminine in the passages cited from *Piers Ploughman*, but certainly without internal evidence. He also gives *sew'ster* as a feminine noun in the Somersetshire dialect, and cites the *Pronptorium Particorum* to the same purpose.

Dycynistre is used by Chaucer in the 'Knights Tale,' v. 2513; and, as it is applied to the narrator of the tale, it was certainly masculine. Family names are usually, if not always, derived from the male ancestor; and Baxter (*bakster*), Brewster, and Webster, were therefore probably used as masculines at a very early period.

{D ENGLISH DIMINUTIVES. (See p 208)

The following remarks on English Diminutives are taken from an interesting paper on 'English Diminutives,' by

Sir G Cornwall Lewis, in the *Philological Museum*, vol i p 679 seq —

"Among the many diminutive terminations in various Teutonic dialects enumerated by Grimm, two only, viz *ling* and *kin* (corresponding to the German *chen*) have been generally prevalent in the English language. When the Teutonic elements of our language had a freer play, and were in a state of more vigorous development than is now the case, its power of forming diminutives by these means appears to have been considerable, though now it has almost expired: the words to which diminutive terminations have thus been attached are moreover chiefly of Saxon, rarely of French, and never of Latin, origin. Partly on this account, and partly because diminutives, as expressing either tenderness or contempt, are suited to familiar discourse, many of the words which will be presently mentioned (except where they have lost their diminutive meaning) are homely, or even vulgar.

"The following English diminutives in *kin* are mentioned by Grimm.* *mannikin* from *man*, *lambkin* from *lamb*, *lakin* (in Shakespeare†) from *lady*, *kilderkin*, *vasculum*, from *kilder*, was

"Of the same form as *mannikin* from *man* is *minnikin* from *min*, small, the parent of a large family of words, as *minor*, *menu*, *minder*, *minx*, &c. *Napkin*, from *nappe*, a cloth, is perhaps the only case in which the Norman part of our language has been inflected with this Saxon diminutive termination. Instances of diminutives of the other family are *gurkin*, from the German *gurke*, the modern diminutive form of which word would be *gürkehen*.

"The words *finikin* from *fine*, *simpkin* from *simple*, *pipkin* from *pipe*, *bootikin* from *boot*, *thumbikins* or *thumbkins*, the Scotch name for an instrument of torture applied to the thumbs, *pumpkin* from the German *pompe*, a gourd, *griskin*, from *grice* or *gris*, a pig, require

no explanation. *Bumpkin* or *bumkin* is evidently derived from the Dutch *boom* (the same as the German *baum*, and the English *beam*), a block of wood it is, as Todd has remarked, still the naval term for a bar of timber. *Slammikin*, a slattern, a vulgar English, and also a Scotch expression, is derived from the word *schlamm*, mud or dirt, preserved in modern German. *Spillikin* is the diminutive of *spill*, a flat splinter of wood. The verb *to spill* is still used by carpenters in some parts of England with the sense of splintering in small pieces. *Firkin*, the fourth part of a barrel, exactly corresponds to *quadrantulus*, being the diminutive of the Anglo-Saxon *feower*,* or rather of the German form *vier*.

"The diminutive *Malkin* from *Mary* is not the only instance of this inflexion of proper names in our language. Christian names, as being the familiar appellatives of children and relations, furnish many examples of this termination. Thus Lord Bacon, in his *History of Henry VII.*, speaking of the person who counterfeited the Duke of York, says that 'he was named Peter; but afterwards proving a dainty and effeminate youth, he was commonly called by the diminutive of his name, *Peterkin* or *Perkin*.' In this case, as in many others, that which was originally a Christian name has now become a surname. So *Malkin*, mentioned above, *Tomkin* from *Thomas*, *Jenkin* from *Jean*, *Watkin* from *Wat* for *Walter*, *Wilkin* from *William*, *Dickin* (also *Dickon*) from *Dick*, *Sawkin* from *Sal* for *Sarah*, *Hawkin* from *Hal* for *Henry* (like *mawkin* for *malkin*), *Popkin* from *Bob* or *Pop* for *Robert*, *Simpkin* or *Sumkin* from *Simcon*, *Larkin* from *Larry* for *Lawrence*, *Hopkin* from the old name *Hob*, *Hodgkin* from *Hodge* (whence *Hoshins*, *Hushisson*, &c.), *Timkin* from *Timothy*, *Dawkin* (whence *Dawkins*, *Dakins*, and *Dealins*) from *David*, *Lukin* from *Louis*, or perhaps from *Luke*, &c. to which may be added Goldsmith's fictitious name of *Tony Lumpkin*. *Huggins*, *Higgins*, and *Hoggins* appear to be variously corrupted from the diminutive of *Hugh*, as *Diggins* was corrupted from *Dickins*.

"Another diminutive termination formed with the letter *K* noticed in our language by Grimm, is *ock*, of which

* Vol iii 681, and see Jamieson in the letter *k* and *kin*.

† This word occurs only in Shakespeare in the phrase "by'r lakin," *lakin* being (according to *arete*) "a diminutive of endearment for lady and Our Lady went the Virgin Mary." This oath is still current in the northern provincial language of England: see *Wilbraham's Cheshire Glossary*, ed 2, pp 16, 164.

* *Skinner* n v "Perkin."

he produces two instances, *bullock* and *hillock*.* To these may be added *pad-dock* a toad, from *pada* A.S. or *padde* Dutch and German, *buttock* from the French *bout*, *hummock* apparently from *hump*.

"Of the diminutive termination in *ing*,† as in the word *sweeting*, there are scarcely any traces in our language. that in *ing*, however, occurs in many words, as *duckling*, *swirling*, *foundling*, *fondling*, *changeling*, *nurseling*, *yearling*, *suckling*, *nestling*, *seedling*, *youngling*, *killing*, a provincial expression for *kitten*, *dawling* from *dear*, *stripling*, a slender youth, from *strip* or *stripe*, and *bantling*, which is commonly derived from *bairn*, a child, but in this word, as being the participle from *baren*, and equivalent to *borne*, or *born*, the *E* is an essential letter its true origin is evidently to be found in the word *band*, and *bandling* or *bantling* meant a child wrapt in swaddling-bands. The disuse of the practice of swathing infants in this country has probably prevented this etymology from being at once perceived. *Sapling* is a young tree, which has formed no heart and is all sap. In the words *underling*,† *lordling*, and *hireling*, this termination conveys the idea of contempt which belongs to the diminutive form. But in *staring* from *stare*, *scantling*, *grayling*, a fish, *sanderling* a bird frequenting the sands on the sea-shore, and in many ancient words, as *east-erling*, *westling*, inhabitants of the East and West, and *popeling*, a Roman Catholic, it serves merely as a termination, without suggesting any necessary notion of smallness, either physical or moral."—ED.]

* Vol. I. p. 677.

† Grimm, vol. III. p. 622. Some instances of Anglo-Saxon diminutives in *-ling* are collected by Rask, A. S. Grammatik p. 104 who likewise points out the meaning of contempt belonging to this class of words.

‡ To which corresponds *ceolung* (i. e. *ceolung*) in the very ancient ballad of Richard of Albemarle. Percy vol. II. although in this word *-ling* is merely a termination, as in *leaving*. *Unleaving* perhaps originally answered to *ceolung* and merely meant an inferior and afterwards acquired its diminutive contemptuous sense, as Niebuhr observes of the Latin diminutive termination in *-ulus* (*History of Rome* vol. I. p. 70). *Lordling* likewise is used by old writers without any disparaging force, but Swiſe employs it with a sense equivalent to that of *lordling*.

[E ANGLO-SAXON PREFIXES

(See p. 210).

un- (on-) (E un-) un-*scyldig* innocent; un-*tigian* to un-*tie* n- (ne not) n-*yllan* (for new-*illan*) to will not, nill, n-*an none* mis- (E. mis-) mis-*truwian* to mis-*trust*, mis-*deð* mis-*deed* wan- wan-*hál* unhealthy In Ol. English wan-*hope* despair, wan-*trust* suspicion.

to- to-*brecan* to break in pieces, to-*drifan* to scatter, drive away Hence in Old English to-*broken*, to-*torn*, &c.

for- (E for-) for-*beððan* to forbid, for-*swerian* to for-*swear*, for-*gán* to for-*go*; for-*bærnan* to burn up, consume; for-*gífan* to give away, for-*give*.

wiðer (wið against): wiðer-*saca* adversary

and- (ā-): and-*wlita* countenance

ge- has in general a collective sense, as, ge-*brōðra* brethren, ge-*scf* shoes, ge-*mæne* common; ge-*fera* companion; it forms active verbs from neuter nouns, &c., as, ge-*standan* to urge, ge-*pencan* to think of, remember, ge-*strangian* to strengthen, ge-*leánian* to reward; ge-*níðerian* to degrade, condemn, from *standan*, *pencan*, *strang*, *leán* (reward), *níðer*, or gives a figurative sense, as, *biddan* to ask, beg, ge-*biddan* to pray. Many words, however, take ge- without any change of meaning; as, *seón*, ge-*seón* to see, *hýran*, ge-*hýran* to hear, obey; *meare*, ge-*meare* mark, limit, *rám*, ge-*rám* wide, roomy.

be- (E be-) makes neuter verbs active, as, *gán* to go, be-*gán* to commit, &c., *feran* to go, be-*feran* to travel over. It is sometimes privative; as, *bycgan* to buy, be-*bycgan* to sell, be-*heáfian* to be-head often intensive; as, *reáfian* to rob, be-*reáfian* to be-rob, be-*gyrdan* to be-guard, or otherwise modifies the sense, as, be-*healdan* to be-hold, be-*sprecen* to be-speak.

ed- (again) ed-*niwian* to re-new
sin- (simile always) sin-*gírd* ever-green

sam-: sam-*cuce* half-quick, *alf-ðæd*

æg - or ge - gives pronouns and adverbs an indeterminate sense, as, æg-nwylc (ge-hwylc) *each, every*, æg-hwider *whithersoever*. — From Vernon's *Anglo-Saxon Gude* — Ed.]

F ON THE WANT OF A FUTURE TENSE. (See p. 212)

"The want of a future tense as an organic part of the conjugation of verbs is a common defect in many modern languages. In all those of the Teutonic stock this defect appears inherent. Dr. Prichard (*Eastern Origin of the Celtic Nations*, ch vii p 107) says, 'It has been observed that the Teutonic verbs have one form for the future and the present tense. The same remark applies to the Welsh; for the Welsh language, except in the instance of the verb substantive, which has two distinct forms, one for the present and the other for the future tense, has only one modification of the verb, which is used to represent both. In the German dialects the single form above referred to is properly a present tense, but the Welsh grammarians consider that their language has only a future, and say that the future is put for the present.'"

Grimm states the case as follows — 'Our language in all its branches has the power of expressing only two tenses of the verb—the present and the past. In this it differs remarkably from all the languages originally allied to it, which are provided with abundant means for expressing the relations of time. On the contrary, the German approaches to the simplicity of the Hebrew and other tongues which are capable of denoting only the future and the præterite. Thus, in our older dialects, the identity of the future and the present is shown by the fact that the latter tense serves for the former, although, as an exception, the Anglo-Saxon appropriated a particular root of the verb-substantive, *seom*, to the present as distinguished from the future form, *beo*. The same peculiar relation is seen in the case of the Lithuanian *esm*, 'sum,' and *busu* 'ero,' the Slavonian *jesm* and *budu*, and the Irish *tam* and *buid*.'—*Geschichte der Deutschen Sprache*, b ii s 842

"Ulfilas constantly uses the present indicative for the future, and the practice continued in the Old High German.

There are instances of the same kind in the Middle High German, and even in the modern language, but then the verb is commonly accompanied by some adverb implying or expressing future time; as, *ich komme morgen*, or, *ich komme bald* such sentences would no doubt require 'veniam' or, 'viendrai' in Latin or French. A similar idiom is said to exist in Swedish, and in English we not unfrequently say, 'I am going to London to-morrow.' In the Gothic the present subjunctive also lends its aid in expressing futurity, as the optative with *ai* may do in Greek. Ulfilas applies this form in such cases as the following 'haitais, kallæreis'—'Thou shalt call his name John' (Luke 1 13), 'bidjan, þewrjæw (John xvi 26); but its use does not appear to have extended to other dialects besides the Mosso-Gothic. Grimm observes truly enough that the close relation between the future tense and the subjunctive mood is sufficiently shown by the analogy of their forms in the Latin conjugation.

"Ulfilas evades the difficulty with regard to the verb substantive by sometimes using the tenses of 'varthan, fio,' the verb corresponding to werden, which plays so distinguished a part as an auxiliary in modern German.

"According to Adelung, the Magyar, as well as the Finn and the Esthonian, have no future properly so called, but employ the present instead. From the following extract from M von Humboldt's Appendix to the *Mithridates* I infer that the Basque forms its future by means of the auxiliary and a participle, in such a manner, however, that the future force depends upon the participle employed, as it may be said to do in 'sum facturus' or 'habeo faciendum'

"The tenses," Humboldt says, 'are expressed by means of the auxiliary and the participle of the verb. The auxiliary has two tenses, one complete in itself, and the other incomplete, or implying continuance, which can be employed for the present, præterite, and future respectively. These three last distinctions of time are marked by the participle, which accordingly is threefold, and all tenses are thus compounded without difficulty. The two tenses of the auxiliary with the present participle express the present or imperfect, with the past participle the perfect or pluperfect, and so on.'

"It thus seems that in very many languages, including all those of the Teutonic stock, a proper future tense is wanting"—Sir Edmund Head's *Shall and Will*, pp 66-70

Dr. Guest remarks (*Transactions of Philological Society*, vol II. p 223) that the English verb *be* was long retained

for the expression of future time, more particularly in the North, as in the following example —

"—— if thou may that fulfill
Alle bees done (will be done) right at
the wille."—Ed {

LECTURE XV.

GRAMMATICAL INFLEXIONS *

- § 1. Purposes of inflexion. § 2. The verb *owe* and *ought*. § 3. Inflexions of verbs § 4. Inflexions of adjectives and substantives § 5. Variety of inflexions. § 6. Modes of inflexion. the *strong* and the *weak* § 7. Origin of inflexions.

I.

§ 1. IN considering the interjection, it was stated that words of that class were distinguished from all other parts of speech by the quality of inherent and complete significance, so that a single ejaculatory monosyllable, or phrase not syntactically connected with a period, might alone communicate a fact, or, in other words, stand for and express an entire proposition. The interjection might be involuntarily uttered, and impart a fact of a nature altogether subjective to the speaker, as, for example, that he was affected with sensations of physical pain or pleasure, with grief or with terror, or it might assume a form more approximating to that of syntactic language, and address itself to an external object, as an expression of love, of pity, of hate or execration, of desire, command, or deprecation.

The application of the distinction between interjections, as parts of speech which, used singly and alone, may communicate a fact, a wish, or command, and therefore express an entire proposition, and parts of speech which become significant only by their connexion with other vocables, is properly limited to the vocabulary of languages where, as in our own, words admit of little or no change of form, and to the simplest, least variable forms of words in those other languages, which express the grammatical relations, and certain other conditions, of the parts of speech, by what is called inflexion.

I propose now to illustrate the distinction between inflected and uninflected, or grammatically variable and grammatically invariable words, and to inquire into the essential character and use of in-

* The illustrations, and much of the argument, in this and the following lectures on the same subject, are too familiar to be instructive to educated persons, but I have introduced them in the hope that those engaged in teaching languages might derive some useful suggestions from them.

flexions. *Inflexion* is derived from the Latin *inflexus*, the participle of *flecto*, I bend, curve, or turn; and inflexions are the changes made in the forms of words, to indicate either their grammatical relations to other words in the same period, or some accidental condition of the thing expressed by the inflected word. The possible relations and conditions of words are very numerous, and some languages express more, some fewer, of them by the changes of form called inflexions.

The languages which embody the general literature of Europe, ancient and modern, employ inflexions for the following purposes:—*First*, in nouns, adjectives, pronouns, and articles, to denote—

- (a) gender,
- (b) number, and
- (c) case, or grammatical relation.

Secondly, in adjectives and adverbs, to mark degrees of comparison.

Thirdly, in adjectives, to indicate whether the word is used in a definite or an indefinite application. *Fourthly*, in verbs, to express number, person, voice, mood, and tense; or, in other words, to determine whether the nominative case, the subject of the verb, is one or more, singular or plural; whether the speaker, the person addressed or still another, is the subject; whether the state or action or emotion expressed by the verb is conceived of solely with reference to the subject, or as occasioned by an external agency, whether that state action, or emotion is absolute or conditional; and whether it is past present, or future.*

Interjections, *prepositions*, and *conjunctions* are uninflected, or invariable in form.

§ 2 The variations of the verb are usually the most numerous and the uses and importance of inflexions may be well illustrated by comparing an English uninflected with a Latin inflected verb.

The English defective verb *ought* is the old preterite of the verb to owe, which was at an early period used as a sort of auxiliary with the infinitive, implying the sense of necessity, just as we, and

* No single one of the languages to which I refer employs inflexion for all the purposes I have specified. The Greek and Latin have the most complete, the English the most imperfect system of variation. The Icelandic, Swedish, and Danish exhibit the rare case of a modern passive voice, but, like the other tongue of the Gothic stock, they want the future tense, and, on the other hand, the possessive, in common with these latter, the definite and indefinite forms of the adjective, which existed also in Anglo-Saxon, but are not distinguished in Greek and Latin. There may be some doubt whether this distinction is not rather special except on than a general characteristic of the inflexional system which belongs to the cultivated languages of Europe, but the great importance of Scandinavian, German, and Anglo-Saxon literature, entitles the peculiarities of Gothic grammar to a conspicuous place in all treatises upon modern and especially English philology.

many of the Continental nations, now employ *have* and its equivalents I have much to do, in English; *J'ai beaucoup à faire*, in French; *Ich habe viel zu thun*, in German, all mean, substantially, there is much which I must do. Afterwards, by a common process in language, the general idea of necessity involved in this use of the word *owe* resolved itself into two distinct senses: the one of pecuniary or other liability in the nature of a debt, or the return of an equivalent for property, services, or favours received; the other, that of moral obligation, or at least of expediency. Different forms from the same root were now appropriated to the two senses,—to *owe*, with a newly-formed weak preterite, *owed*, being exclusively limited to the notion of debt, and the simple form *ought* being employed in all moods, tenses, numbers, and persons, to express moral obligation or expediency, or as an auxiliary verb.

Before I proceed to illustrate the use of inflexions by comparing the invariable *ought* with a Latin inflected verb of similar signification, I will pause to offer some further observations on the history of the verb to *owe*. This verb is derived from a Gothic radical signifying to *have*, to possess, or, as we now say, in another form of the same word, to *own*. Shakespeare very often uses *owe* in this sense, both in the present and the new or weak preterite form, *owed*, for the separation between the two forms *owed* and *ought*, though it commenced before Shakespeare's time, was not fully completed till a later period. Thus in 'Twelfth Night,' at the close of the first act, these lines occur:—

"Fate, show thy force. ourselves we do not *owe*;
What is decreed must be, and be thus so!"

In like manner in 'The Tempest,' act i. sc. 2:—

"Thou dost here usurp
The name thou *ow'st* not"

And in 'Macbeth,' act i. sc. 4:—

"To throw away the dearest thing he *ow'd*,
As 'twere a careless trifle."

In these, and very many other cases, the sense is unmistakeably to possess or own. In English grammar the auxiliary verbs incline to be invariable, as *must*, *will*, *shall*; and *ought*, therefore, at last followed the same rule. But, for some time after the distinction between pecuniary and moral obligation, as expressed by different forms of this word, made itself felt, the present tense *owe* continued to be occasionally employed for both purposes, such expressions

you *owe* to do this being not unfrequent,* and on the other hand, *ought* was occasionally, though rarely, used in place of *owed* as late as the time of Dryden. The two phrases, you *owe* to do this, and you *ought* to do this, are so nearly alike in sound, that they would readily be confounded in pronunciation, and consequently in writing, and the difficulty of distinguishing between them facilitated the application of the rule that auxiliaries are invariable † The introduction of a new grammatical form is always attended with much greater embarrassment than that of a new word, and the precise use of *ought* in a new combination did not at once become settled, for many old authors employed it as an impersonal, that is, as a verb without a nominative, though followed by an objective Thus Chaucer and others say, *us ought* or *oweth* to do this, *him ought* or *oweth* to do that ‡ But, notwithstanding some vacillation in the grammatical employment of *ought*, it was generally confined to the expression of mere moral or prudential obligation long before *owe* had lost its original sense of proprietorship §

* Thus, in one of the prologues to Wycliffe's translation of Clement's *Harmony* (Wycliffite Versions, i. xv.), "Symple men *owen* not dispute aboute holy writ but they *owen* stedfastly beleue" In this instance, the omission of the infinitive sign to is remarkable, as showing that *owe*, though conjugated, was regarded by the writer of the prologue as a true auxiliary, but this does not seem to have been the general contemporaneous practice. In the will of Louis Clifford, A. 1404 (Southey's *Cid*, 407), we find, "All things which *owen* in such cas as to be don" I believe Chaucer always uses the particle *to* before the infinitive in this construction, and the same rule is followed in the *Apology for the Lollards*, ascribed to Wycliffe, as well as generally in the Wycliffite versions

In a proclamation of Henry III., A. D. 1258, given by Boucher from Henry's *History of England*, and often referred to as the earliest specimen of English, both senses of *owe* are exemplified. "And we heaten alle ure treowe, in the treowthe that heo us *ogen*" "And that ahec other helpe that for to done bi tham ilche other, aganes alle men, in alle that heo *oht* for to done."

In this document, as printed after Pauli in Haupt's *Zeitschrift*, ix. 2, p. 298 the last clause quoted in this note reads "*oht* for to done and to soangen."

† Another instance where the employment of a particular word has been changed, to avoid the same confusion between the present and the past tense, may properly be noticed here. The verb *to use* formerly served as a frequentative auxiliary in the present as well as the past, such phrases as "do *use* to chant it," "the lodging where you *use* to lie," being of very common occurrence in Shakespeare, and contemporary as well as older writers. *I use to* and *I used to* are so nearly the same in articulation, that in ordinary speaking they could not be distinguished, and the present tense of *use* in this sense is therefore almost entirely abandoned, the indicative present of the dependent verb supplying the place of the frequentative and infinitive

‡ "He is a piper and a gabber, and not veray repentant, that eftsones doth thng for which him *oweth* to repent."—CHAUCER, *Person's Tale*

§ It is a curious instance of the seeming caprices of language, that the German *haben* and the French *avoir*, both cognate with the root of *to owe*, and, like it, employed to express duty or obligation when used as auxiliaries

§ 3. We will now, after a digression which I hope is not absolutely irrelevant to our subject, return to the inflexions.

Suppose that, in listening to an indistinct conversation, I catch, in a particular period, the word *ought* only. A vague sense of obligation is excited in my mind, but whether that obligation is confessed by the speaker as resting upon himself, singly, or in conjunction with others, or whether he refers to a duty incumbent upon the friend or friends whom he is addressing, upon some third person, or some number of other persons; whether he designates the obligation as past, as now demanding performance, or as hereafter to accrue, absolutely or in some particular contingency, upon none of these points does the form of the word I have happened to hear give me any information whatever. For anything that the form of the verb *ought* shows to the contrary, the speaker may have said, *I ought, he ought, we ought, you ought, or they ought*, he may have referred to the present moment, or any past or future time, as the period when the duty becomes obligatory, or he may have treated the duty as contingent or conditional altogether. Now, if the conversation had been carried on in Latin, no such uncertainty about number, person, time, or mood could have arisen, because the termination of the word corresponding to *ought* would, of itself, have resolved every one of these doubts. The moment the word was uttered, even without a pronoun or other nominative, I should have been informed whether the duty was charged upon the speaker, upon one or more persons *to* whom, or one or more persons *of* whom, he was speaking, whether the time for the performance was past, present, or future; and whether it was represented as an absolute or as a conditional obligation. To express all possible categories of the word *ought*, we have one form and no more, and the context, the remainder of the sentence in which it occurs, the pronoun or other nominative which precedes, and the infinitive which follows, must be called in to determine its multiplied relations of time, person, and condition. The equivalent of *ought* in Latin is a verb whose radical is conceived to be the monosyllable *deb*,* which still constitutes the first syllable in all the forms of the verb. In the infinitive mood, present tense, the form is *debere*, and this word admits of

should, in mercantile language, have dropped the signification of debt, and contracted an opposite meaning, for *haben* and *avoir*, as opposed to *soil* and *doit*, both indicate, not the debit, but the credit side of the account.

* I speak of *deb* as the inflexional, not the etymological root of *debeo*. *Debeo* is considered by some as a contraction of the compound *de-habeo*, I have from, that is, I have from another what still belongs to him, and, therefore, what I owe to him. The form *dehabeo* is used by Jerome as a negative of *habeo*, I have not, I want; and the etymology I have just mentioned is rather too refined to be probable.

more than fifty inflexions or changes of termination in the active voice alone, all so distinctly marked, that each one instantly suggests to the mind of the hearer the answer to every one of the points I have mentioned as left undetermined by the corresponding English verb *ought*, which expresses nothing but the naked fact of a duty incumbent, at an uncertain time, upon an uncertain person or persons.

If the isolated word I have caught happen to be *debeo*, I know that the speaker acknowledges a present duty incumbent upon himself, had it been *debuisti*, I should have understood that reference was made to a past obligation of the person addressed, if *debebunt*, to a future duty of more than one third person, if *debuerimus*, to a conditional duty of the speaker and some other person or persons. All these forms are active, and make the person bound the subject of the period; but the duty itself may be made the subject, and then an equally full set of passive inflexions may be used, in some cases indeed with the aid of an auxiliary, to express substantially the same ideas.* This may be said to be an extreme case, because, although hundreds of Latin verbs are as complete in their inflexions as *debere*, yet many are far less so, and on the other hand the English example is a simple auxiliary, and as such little susceptible of inflexion. This is indeed true, but it is a mere difference in degree. Our verbs generally, excluding the obsolescent second and third persons singular in *-est* and *-eth*, as *lovest*, *loveth*, have but three or four changes of form, and all the other categories are clumsily expressed by means of auxiliaries.

§ 4. In like manner, our adjectives admit no inflexion whatever, except in the degrees of comparison. Thus the adjective *beautiful* is applied equally to persons of either sex, to the subject or the object of the verb, and to one or more persons, without any change of form. We say a beautiful boy or girl, beautiful boys or girls, whether the substantive to which it is applied be in the nominative, possessive, or objective case. In short, the adjective is, except in comparison, indeclinable, invariable, or uninflected, all of which terms are employed to express the same thing. The Latin adjective *pulcher*, meaning beautiful, has, on the contrary, twelve different forms in the positive degree alone, and in the comparative and superlative twenty-two more, making thirty-four in all.

Thus we say in Latin, in the nominative case, *pulcher puer*, a beautiful boy, *pulchra puella*, a beautiful girl, in the genitive or possessive, *pulchri pueri*, of a beautiful boy, *pulchræ puellæ*, of a beautiful girl, in the accusative, corresponding

* We should perhaps not be able to find instances of the actual occurrence of *debeo* as expressive of obligation, in all the active and passive inflexions but such are grammatically and logically possible.

generally to the objective of English grammarians, *pulchrum puerum*, a beautiful boy, *pulchram puellam*, a beautiful girl.*

Some of these forms indeed are equivocal, the same inflexion being used with different cases or genders, but nearly all of them clearly and certainly indicate the number, most of them the grammatical relations, and many of them the gender of the noun to which the adjective is applied. Substantives also, admitting in English no change of form, except the indication of the genitive or possessive case and the plural number, go through a wide range of variation in Latin, every syntactical category having its appropriate form. Thus it will have been observed that, in the examples I have cited, *pulcher puer* and *pulchra puella*, in every case the termination of the adjective and the noun is the same; *pulcher puer pulchri pueri*, *pulchrum puerum*, *pulchra puella*, &c., but it is not necessary that the endings be alike. It suffices that particular endings be used together. There is another and more common form of the Latin adjective, in which the termination of the masculine nominative is not *-er*, but *-us*. The adjective *bonus*, good, is an example of this, and if *bonus* were used with the same substantive *puer* in the nominative case, the phrase would stand *bonus puer*. Here the endings are not alike; but when the syllable *-us* is once accepted as one of the signs by which the masculine nominative is recognised, there is no difficulty in its use.

§ 5. In teaching Latin by the writing of themes it is common to give the pupil the words of which he is to compose his periods in their simplest forms, leaving it to him to inflect them according to their intended relations. In this case the words constitute no period, express no proposition, and are as meaningless as would be a like number of English verbs, nouns, and adjectives, arranged without reference to grammatical relation, and unsupplied with the particles and auxiliaries which, in connexion with certain laws of position, indicate to us categories that, in other languages, are expressed by inflexion. For instance, in the English phrase, *sheep fear man*, the words are all in their simplest, uninflected form, the form which, as

* The Horatian verse:—

"O matre pulchrâ filia pulchrior!"—
(O fairer daughter of a fair mother' or,
O daughter fairer than [thy] fair mother')—

is a good example of the superior gracefulness of expression in inflected languages, but it is more equivocal than the English, for, though in this instance there is no logical difficulty in the construction, there is nevertheless a grammatical uncertainty whether the lady addressed is compared with *her* mother, or the mother of some other person

we suppose, comes nearest to their primitive radical shape, but we have no difficulty in determining their relations to each other. We know that *sheep*, which comes first in the proposition, is the subject or nominative of the verb *fear*, and that *man*, which follows the verb, is its object or objective case. Now, if we take the corresponding Latin words in the simplest, most indefinite form in which they occur in that language, we have *ovis*, *timere*, *homo*; but this succession of words would convey to a Roman no meaning whatever, and in order to make it intelligible to him we must begin with *ovis*, the nominative singular of the Latin word for sheep, and transform it into *oves*, which is the regular nominative plural of that form of nouns; *timere*, the infinitive corresponding to the English verb *fear*, must be changed into *timent*, which is the indicative present third person plural of that verb, and *homo*, the nominative singular of the Latin word for man, into the accusative or objective, *hominem*, or the plural *homines*. The proposition would then stand, oves timent hominem, and, as I shall show hereafter, the meaning would to a Roman be equally clear, and precisely the same, if the order of the words were reversed, hominem timent oves.

I have taken my illustrations from the Latin, as a tongue more or less familiar to all of us, but although, as compared with English, its system of inflexion may be considered very complete, yet it is extremely meagre when measured by that of many other languages. In Turkish, for example, a numerous class of verbs has, first, its simple, its reflexive, and its reciprocal forms, to each of these belongs a causative form, thus making six, all active and affirmative. Then comes the passive of each, giving us twelve, and every one of these twelve has, besides its affirmative form, a negative and an impossible conjugation, so that we have thirty-six fundamental forms, each of which, in its different moods, tenses, numbers, and persons, admits of about one hundred inflexions, thus giving to the verb three or four thousand distinctly marked expressive forms. But even this wide range of inflexion by no means exhausts the possible number of variations indicative of grammatical relation, or other conditions of the verb, for in some languages there are duels, or verbal forms exclusively appropriated to the number two, and in others, the verb has special inflexions for the different genders. Again, in some tongues there are forms expressive of iteration or repetition, called frequentatives, as from the Latin *dico*, I say, the frequentative *dictito*, in nursery English I keep saying. There are also forms expressive of desire, as from the Latin *edo*, I eat, *esurio*, I desire to eat, I am hungry, and of commencement, or tendency, as from the Latin *caleo*, I am warm, *calesco*, I grow warm; from *silva*, a wood, *silvescere*, to run to wood

(of a vine plant); from *arbor*, a tree, *arborescere*, to *become a tree* *

✕ In Spanish and Italian there are numerous terminations applied to substantives and adjectives, indicative of augmentation or diminution, affection or dislike, and these are sometimes piled one upon the other by way of superlative. Thus from the Italian *uomo*, a man, we have *omaccio*, a bad man, *omacciono*, a very little man, *omaccione*, a large, or sometimes a noble-minded, man, *omacciotto*, a mean little man, *ometto* or *omettolo*, a small man, *omiciatto* or *omiciattolo*, an insignificant man.

✓ These last words, indeed, as well as some of the verbal forms I have cited, may be said to be derivatives rather than inflexions, because they express qualities or accidents, not syntactical relations or conditions, and belong therefore to the domain of logic, not properly to that of grammar, except simply so far as the whole history of words belongs to grammar. It appears to me, nevertheless, that all regular changes of words may be called inflexions, and the power of modifying vocables by such changes is as characteristic of different languages as the variations of termination or of radical vowel, which are generally embraced in that designation.

The speech of the Spanish Basques, one of those rare sporadic, or, as they have been sometimes called, insular languages, which long maintain themselves in the midst of unallied tongues and hostile influences, appears to be unsurpassed, if not unequalled, in variety of inflexion. Thus all the parts of speech, including prepositions, conjunctions, interjections, and other particles, admit of declension. There are six nominative forms and twelve cases of the noun. The adjective has twenty cases. Every Romance verb is represented by twenty-six radical forms, each with a great number of inflexions; and different modes of conjugation are employed in addressing a child, a woman, an equal, or a superior.†

Thus far we have spoken of simple words only, and their regular derivatives, but, if they be compounded, still more complex ideas may be conveyed, and finally, in some languages, by the process to which we have before referred, called agglutination, but not always distinguishable from more familiar modes of composition, or even from inflexion, several words may be compressed into one, and thus, a single verb may of itself stand for a whole sentence, expressing at

* Fuller, who had a heroic contempt for all word-fetters, translates the hæc planta in Judea arborescit of Grotius, by "hy-sope doth tree it in Judea."—*Pisgah Sight of Palestine*, i 10, § 8.

† Quatrefages, *Souvenirs d'un Naturaliste*.

once the subject, the copula, the object, as well as numerous predicates or qualifications of all of them.

§ 6 Not only the objects, but the methods, of inflexion are very various in different tongues, and a single language often avails itself of more than one of them. It may be stated that there are two leading modes of variation, both sufficiently exemplified in English, —the one consisting in a change of some of the elements, usually vowels, of the root-form, the other in prefixing or subjoining additional syllables, or at least vocal elements, to the radical. Of the first sort, the letter-change, our verb to *ride* is an example, the diphthongal long *i* of the root being changed into *o* in the pretente *rode*, and into simple short *i* in the participle *ridden*. So *run*, *ran*, *write*, *wrote* (in Old English *wrote*), *written*; *fly*, *flew*, and so forth. In like manner *man* makes *men* in the plural, *foot*, *feet*; *goose*, *geese*, and the like. The Scandinavian and Teutonic languages, which are so closely allied to English both in grammar and in vocabulary, much affect the letter-change, and we find in all of them, as well as in Anglo-Saxon, traces of a much more extensive use of this principle at some earlier period of linguistic development. For instance, in all these languages the verb had probably once a regular causative form, consisting in a vowel-change, and it is curious that the remains of this form should be found at this day in the same roots of each of them. Thus, the neuter verb to *fall* has its causative to *fell*, that is to cause to fall, as to *fell* a tree with an axe, to *fell* a man by a blow; the neuter to *lie*, its causative to *lay*, to make to lie, or place, and the neuter to *sit*, its causative to *set*, in several different applications. These same neuters, with their respective causatives, exist in Danish, Swedish, and German, as well as in English. The resemblance in their forms leads occasionally to confusion in their use. The causative to *set*, in its different acceptations, is a sad stumbling-block to persons who are not strong in their accidence; and to *lie* and to *lay* are so frequently confounded, that even Byron, in his magnificent apostrophe to the Ocean, was guilty of writing "there let him lay."* Neither the English nor the other languages of the Gothic stock now do, nor, so far as we are able to follow them back historically, ever did, exclude inflexion by the mode of addition of letters or syllables, and the two methods of conjugation and declension appear to have co-existed from a very remote period. Although, therefore, we inflect many Saxon primitives by augmentation, yet we confine the letter-change almost wholly to words of that stock, and we generally, if not

* The old poem of *Kyng Alisunder* has *he for lay*

"So on the schyngh lych the halle

Fvery krygh, so laide on other' — 2210-2211

always, inflect Latin and other foreign roots by augmentation. Thus the verb to *amend*, which we derive from the Latin through the French, forms its preterite *amended* by the addition of the syllable *-ed* to the simple form. The Latin-English noun *possession* makes its plural by subjoining *s*, *possessions*. We still use prefixes largely in composition; but as a flexional element, although they were a good deal employed in Anglo-Saxon, they must now be considered obsolete. The syllabic prefix *ge-*, regularly used in Anglo-Saxon with preterites, and often with past participles, as well as in many other cases, long retained its ground, and is yet sometimes employed in the archaic style of poetry, in the form of a *y*, which, in our orthography, nearly represents the probable pronunciation of the Saxon augment. Spenser uses this augment very frequently, and Thomson often employs it in the 'Castle of Indolence,' both of them merely for metrical convenience.*

Of these two leading modes of variation, the former, which consists in a change of letter in the radical form, is called the *strong*; the latter, consisting in the addition of vocal elements to the root, the *weak* inflexion. The principle on which this nomenclature is founded is that the power of varying a word by change of its more unessential constituents, without external aid in the way of composition or addition of syllables, implies a certain vitality, a certain innate organic strength, not possessed by roots capable of variation only by the incorporation or addition of foreign elements. The

* In Milton it occurs but thrice, and in one of these three instances it is applied in a very unusual way. In the first printed of Milton's poetical compositions, the Epitaph on Shakespeare, we find the lines—

"What needs my Shakespeare, for his honour'd bones,
The labour of an age in piled stones?
Or that his hallow'd reliques should be hid
Under a star-ypointing pyramid?"

Here the syllabic augment *y-* is prefixed to a present participle, a form of which there are very few examples, though *lasting*, *y-lasting*, or permanent, occurs in the proclamation of King Henry III referred to in a note on page 225. The prefix is rarely applied to any but Saxon radicals, and thus *y-pointing* is a double departure from the English idiom. *Y-pointed*, indeed, is found in Robert of Gloucester, and it is possible that Milton wrote *y-pointed*, in which case the meaning would be *pointed or surmounted with a star*, like some of the Egyptian obelisks, which have received this decoration since they were transferred to Europe, instead of *pointing to the stars*.

It is not here inappropriate to remark that the expletive *yowiss*, often written *I wiss*, as if it were two words, and understood to be the first person indicative present of an obsolete verb to *wiss*, to teach, direct, or affirm, with the pronoun of the first person, is only the Anglo-Saxon form of an adverb derived from a participle, and corresponding exactly to the German *gewiss*, meaning *surely*, *certainly*. The erroneous explanation above alluded to is sometimes found where one would hardly expect to meet it, as, for instance, in the Glossary to Scott's edition of *Sir Tristram*.

weak inflexion is the regular, the strong the irregular, form of the older grammarians, but, according to the theory now in vogue, the strong is the more ancient and regular of the two modes of inflexion, and the terms ought to be reversed. The suffrage of children, who are acute philologists, and extremely apt in seizing the analogies of language, and therefore credible witnesses, is in favour of the regularity and linguistic propriety of the weak inflexion. They say I *runned*, I *rided*, and the like; and Cobbett, an unlearned, indeed, but excellent practical grammarian, as well as some better instructed philologists, have seriously proposed to reform our grammar by rejecting the strong preterites and participles, and inflecting all verbs according to the regular or weak method *

But, whatever may be thought of the relative antiquity of the forms, the notion on which the new nomenclature rests is a fanciful one, and it is unfortunate that terms so inappropriate should have been sanctioned by such high authority, and so generally adopted by grammarians. Had the two modes been called, respectively, old and new, the names would have expressed a historical fact, or at least a probable theory, but it would be easy to assign as sound and as obvious reasons for designating the two classes of variation by ascribing to them colour or weight, and for calling them black and white, or heavy and light, as those alleged for the use of the terms strong and weak. It certainly could not have been difficult to invent appellations more appropriate in character, and it is to be regretted that the difficulties of grammatical science should be augmented by increasing the number of fallacious terms in its vocabulary

§ 7 Various theories have been suggested to explain the origin of the changes of forms in different classes of words in inflected languages. These I cannot here discuss or even detail. It must suffice to observe that, with respect to the strong inflexions, or those

* The tendency of modern English to the more extended use of the weak inflexion is so powerful, that, unless it be checked by increased familiarity with our earlier literature, it is not improbable that the strong declensions and conjugations will disappear altogether. A comparison of the modern poets with Chaucer, and even much later writers, will show that hundreds of verbs formerly inflected with the letter-change are now conjugated by augmentation. Every new English dictionary diminishes the number of irregular verbs. Webster tells us that *swollen*, as the participle of *swell*, is now nearly obsolete. Popular speech, however, still preserves this form, as well as many other genuine old preterites and participles, which are no longer employed in written English. Even *keat* (pronounced *hēt*), now a gross vulgarism, occurs as the participle of *teat* as late as the beginning of the seventeenth century. See Holland's *Pliny*, u 393, and *Daniel* u 19, in the original edition of the standard translation of the Bible.

consisting in a letter-change, as, present *run*, past *ran*, singular *man*, plural *men*, it is at least a plausible supposition that they originated in different pronunciations of the same word in different local dialects, the respective pronunciations each assuming a distinct significance, as the dialects melted into one speech. As to the weak inflexions, those consisting in the addition of vocal elements, it has been conjectured that these elements were in all cases originally pronouns, auxiliaries, or participles which have coalesced with the verb or other root. In general the inflexions were adopted so early, and the pronouns or other absorbed words have become so much modified, that they can no longer be recognised in their combination with the inflected word. But there are some instances where we possess historical evidence of such a coalescence. The future of the verb in all the Romance languages is a case of this sort. Thus *amaré*, *amarás*, *amará*, the future of the Spanish verb *amar*, is simply *amar* he, I have to love; *amar* has, thou hast to love, *amar* ha, he has to love.* In the closely allied Portuguese the constituents of the future may still be used separately, and even an oblique case inserted between them, as *dar-lhe-hei*, I will give him, *agastar-se-ha*, he will be angry † This was also common in Old Castilian, and we find in Beuter such combinations as *castigarosemos*, evidently *os hemos de castigar*, we will punish you. The formation of many of the other tenses may readily be traced in the older literature of other Peninsular dialects. Thus we find in the Catalan of King Jaume, ‡ the first person plural of the conditional, with an oblique case, here a dative, inserted. *nos donar los niem ço q valien*, "we would pay them for them [the horses] what they were worth." §

* The Mæso-Gothic verb *haban*, to have, was used as a *future* auxiliary, not as a *past*. Thus, in John xii 26 "*jah þarei im ik, þaruh sa andþahts mens visan habaiþ*," "and where I am, there my servant shall be" And when used in the past tense, it still involved the future corresponding to the *would* and *should* of the English Bible in a similar construction, as in John vi. 6 "*þ silba vissa, þatei habaida taujan*," "for he himself knew what he *would* do;" and John vi 71. "*Quaþuh þan þana iudan seimonis iskariotu sa auk habaida ina galeyjan*." "He spake of Judas Iscariot the son of Simon for he it was that *should* betray him."

† [Likewise in the Provençal we find *dir vos ai*, I will tell you, and *dir vos em*, we will tell you. On the subject discussed in the text, see some interesting remarks in Max Muller's *Lectures on the Science of Language*, p 216 seq — Ed.]

‡ '*Conquesta de Valencia por lo serenissimo e catholich princep dō Jaume*,' Valencia, 1515.

§ In the Chronicle of Dñ Pero Niño, p. 56, we find the complicated combination, *facernos la han dejar*, "they will make us abandon it."

The compound tenses were sometimes used in Italian down to the end of the fifteenth century Savonarola generally employs the inflected future, but in a

There is a more interesting example of a newly-formed inflexion in languages cognate with our own, and I shall point out other remarkable instances of a tendency in the same direction, in discussing the Old-English inflexions.* The Icelandic has a reflexive form of the verb, used also as a passive, the characteristic of which is the consonantal ending *st* or *z*: thus the active infinitive *at kalla*, to call, makes the reflexive *kallast* or *kallaz*. This was anciently written *sc* or *sk* instead of *st*, and there is no doubt that it was originally simply a contraction of the reflexive pronoun *sik*, corresponding to our *self*, or more exactly to the French reflexive *se*, so that *at kallast* was equivalent to *to call one's self*, or the French *s'appeler*. The form in question was at first purely reflexive. It gradually assumed a passive force, and there are a few instances of its employment as such by classic writers in the best ages of that literature.† In modern Swedish and Danish it is a true passive. I dwell upon this philological fact the more, because it is one of the few cases where we can show the origin of an inflexion, and it is also specially interesting as an instance of the recent development of a passive conjugation in a language belonging to a family which, in common with most modern European tongues, has rejected the passive form altogether.‡ Although the theories I have mentioned serve to furnish an explanation of many cases of both weak and strong inflexion, there are numerous flexional phenomena which they fail to account for. We must seek the rationale of these in more recondite principles, or, in the present state of philological knowledge, confess our inability to propose a solution, and we are sometimes tempted to maintain with Becker, that language, as an organism, has its laws of development and growth, by virtue of which the addition of vocal elements to the root is as purely a natural germination as the sprouting of a bud at the end of a stem or in the axilla of a leaf § No theory of agglutination or coalescence will explain the general resemblance of the genitive singular to the nominative plural in English nouns,

sermon delivered "adi viii. di giugno m cccc.lxxxv." p. 12, he has, "e dicoti che se idio ha premiare huomini almondo ha premiare gli christiani," etc

* See Lecture XVIII.

† Eigi munu ver þat gera, segir Skarpheðinn þrját fast mun annat til elldreykna, Njala, c. 125 Eigi mun fast slíkr kostur, Fornmanna Sögur ii 73, Rauðgrani sat þa ekki Forn Sög Norð u 244.

‡ [In the same way in Latin, the *r*, which is the sign of the passive voice, and which is the representative of *s*, is probably the same as *se*, the verb being originally reflexive, and acquiring subsequently the passive meaning —ED]

§ [There can however be little doubt that all inflexions were originally separate words. Most of them can be traced back to their original forms; and even where it cannot be done, we may presume from analogy that such was originally the case. See Notes and Illustrations (B). On the Origin of Inflexions —ED]

and the like coincidence between the same cases in the masculine and feminine genders of Latin substantives and adjectives. The characteristic endings of the genders, and the identity of form between the nominative, accusative, and vocative cases in the neuter gender of adjectives and substantives in both Greek and Latin, are peculiarities of an equally obscure character.* Linguistics, as a science, is still in its infancy, and its accumulation of facts is but just begun. We shall doubtless hereafter penetrate much deeper into the mysteries of language, but yet we must resign ourselves to the conclusion, that speech, like other branches of human inquiry, will be found to have its ultimate facts, the detection of whose causative principles is beyond our reach

* Archbishop Whately makes the following suggestion in his annotation on Lord Bacon's sixteenth essay —

"In that phenomenon in language, that, both in the Greek and Latin, nouns of the neuter gender, *denoting things*, invariably had the *nominative* and the *accusative* the same, or rather had an accusative only, employed as a nominative when required,—may there not be traced an indistinct consciousness of the persuasion that a mere *thing* is not capable of being an agent, which a *person* only can really be, and that the possession of power, strictly so called, by physical causes, is not conceivable, or their capacity to maintain, any more than to produce at first, the system of the universe?—whose continued existence, as well as its origin, seems to depend on the continued operation of the great Creator. May there not be in this an admission that the laws of nature presuppose an agent, and are incapable of being the cause of their own observance?"

It is with diffidence that I venture any criticism on so profound a thinker and so accurate a writer as the distinguished scholar from whom I quote; but it appears to me that this view of the case supposes grammatical gender to be essentially indicative of sex, that sex is a necessary attribute of all personality, including that of the Deity, and that want of sex distinguishes the *thing* from the *person*. The Greeks as well as the Latins, generally at least, employed gender as a mere grammatical sign, for the names of thousands of *things* in both languages are masculine and feminine, and on the other hand *beings* are in very many cases designated by words of the neuter gender. The words of this latter class, it is true, are generally derivatives, diminutives, and the like; but I am aware of no reason to suppose that in any stage of the Greek or Latin, whatever may have been the case in the older tongues from which they are derived, the masculine and feminine forms alone were capable of expressing personality. The neuter adjective τὸ Θεῖον is used absolutely for the Divine Being or Essence by Herodotus and by Æschylus. The chorus in the *Agamemnon* applies it to the inspiration of the Divinity—

1083, XO. χρήσειν ἔοικεν ἀμφὶ τῶν αὐτῆς κακῶν,
μένει τὸ Θεῖον δουλῖα παρὼν φρενί;

and it occurs in the sense of Divine control in the *Choephori*, γ. 956—

κρατεῖται τως τὸ Θεῖον παρὰ τὸ μὴ
ἐγουργεῖν κακοῖς.

NOTES AND ILLUSTRATIONS.

[A. OWE AND OUGHT
(See p 225)]

Sir Edmund Head, in his work 'Shall and Will' (p 103), makes some very interesting remarks on the above words, which deserve to be quoted as confirmatory of the remarks in the text.

"The verb 'owe' is the same as the Anglo-Saxon *agan* or *agan*, *to own*, with which is connected the modern German *eigen*

"In the first place there is little doubt, I conceive, that the earliest meaning of 'owe' was that of 'agan,' 'to own,' or 'have as one's own.' Shakespeare says—

" 'I am not worthy of the wealth I owe,'

All's Well that Ends Well, act ii sc. 5.

And the instances are innumerable. Compare *Comedy of Errors* (act iii. sc. 1), *Macbeth* (act v sc. 4), *Othello* (act iii sc 3)

" " — Not poppy nor mandragora
Shall ever medicine thee to that sweet sleep

Which thou *ow'd'st* yesterday "

"In the second place, there is no doubt that 'ought' is a regular 'weak' preterite of 'owe.' Thus in *Henry IV* Part I act iii. sc 3, 'He said the other day you ought him a thousand pounds.' So in Donne's Letters (Southey's *Commonplace Book*, i. 336), 'They ought the world no more.' Chaucer uses 'ought' impersonally—

" 'Well ought us werke "

Second Nun's Tale, l. 15482—

but I am inclined to think that this is an imitation of the idiom of such Latin words as 'oportet,' or it is analogous to the construction 'me rather had' for 'I had rather' (*Richard II* act iii. sc 3)

" 'Ought' itself has thus in some sense become in English one of the 'displaced preterites,' as Grimm calls them (that is, preterites promoted to do the duty of presents), and acquired the present sense of duty; but it has not acquired a second weak preterite of its own, nor has it formed a present infinitive and participle. The want of these

last is often very inconvenient we cannot say, 'he was known to *ought*,' for 'he was known to be bound in duty,' and the original present 'owe' will not express what we want.

"We have no difficulty in seeing how a word which signifies that a debt of any kind, whether moral or pecuniary, has been due, may be applied to the present obligation of discharging either but I confess that I have always felt the greatest difficulty in explaining how a verb which meant originally 'to have as one's own,' 'to own,' came to signify 'to be bound to pay.'

"A curious example of the two senses of the verb in close contact may be found in the common text of Shakspeare's *King John* (act ii sc 1)—

" " — Be pleased then

To pay that duty which you truly owe—
To him who *owes* it."

That is, 'pay the homage which you owe to the prince to whom it belongs.' —Ed]

[B ON THE ORIGIN OF INFLEXIONS
(See p 235)]

Many grammarians have maintained that the terminational changes spring from the body of the noun or verb by some principle of internal growth. This theory is supported by A W Schlegel, who observes "Languages with inflexions may be denominated the organic languages, because they include a living principle of development and increase, and alone possess, if I may so express myself, a fruitful and abundant vegetation. The wonderful mechanism of these languages consists in forming an immense variety of words, and in marking the connexion of the ideas expressed by those words by the help of an inconsiderable number of syllables, which, viewed separately, have no signification, but which determine with precision the sense of the words to which they are attached. By modifying radical letters, and by adding derivative syllables to the roots, derivative

words of various sorts are formed, and derivatives from those derivatives. Words are compounded from several roots to express complex ideas. Finally, substantives, adjectives, and pronouns are declined, with gender, number, and case, verbs are conjugated throughout voices, moods, tenses, numbers, and persons, by employing, in like manner, terminations, and sometimes augments, which by themselves signify nothing. This method is attended with the advantage of enunciating in a single word the principal idea, frequently greatly modified and extremely complex already, with its whole array of accessory ideas and mutable relations."*

The more modern school maintain a directly opposite, and certainly more intelligible theory, namely, that the in-

flexions were originally words which, like other words, conveyed a distinct meaning. To take two examples. Mr. Garnett, in a paper 'On the Origin and Import of the Genitive Case,' printed in the *Transactions of the Philological Society* (vol. II p. 165), brings forward good reasons for believing that the termination of the genitive case is in reality a relative pronoun. It would occupy too much space to give in detail these arguments, but another example may be exhibited in fewer words. It has been proved by many grammarians that the termination of the English preterite *-d* or *-ed* is in reality the preterite *did*, and the arguments in favour of this supposition are clearly stated in the following passage by Professor Max Müller:—

"In Gothic there is a verb *nasjan*, to nourish. Its preterite is as follows:—

Singular	Dual	Plural
<i>nas-i-da</i>	<i>nas-i-dēdn</i>	<i>nas-i-dēdam.</i>
<i>nas-i-dēs</i>	<i>nas-i-dētuts</i>	<i>nas-i-dēduþ</i>
<i>nas-i-da</i>	—	<i>nas-i-dēdun</i>

"The subjunctive of the preterite.

<i>nas-i-dēdjan</i>	<i>nas-i-dēdeiva</i>	<i>nas-i-dēdeima</i>
<i>nas-i-dedeis</i>	<i>nas-i-dēdeits</i>	<i>nas-i-dēdeip</i>
<i>nas-i-dēdi</i>	—	<i>nas-i-dēdeina.</i>

"This is reduced in Anglo-Saxon to.

Singular	Plural
<i>ner-ē-de</i>	<i>ner-ē-don.</i>
<i>ner-ē-dest</i>	<i>ner-ē-don</i>
<i>ner-ē-de</i>	<i>ner-ē-don.</i>

"Subjunctive.

<i>ner-ē-de</i>	<i>ner-ē-don.</i>
<i>ner-ē-de</i>	<i>ner-ē-don.</i>
<i>ner-ē-de</i>	<i>ner-ē-don.</i>

"Let us now look to the auxiliary verb *to do*, in Anglo-Saxon:

Singular	Plural
<i>dide</i>	<i>didon.</i>
<i>didest</i>	<i>didon.</i>
<i>dide</i>	<i>didon.</i>

"If we had only the Anglo-Saxon preterite *nerēde* and the Anglo-Saxon *dide*, the identity of the *de* in *nerēde* with *dide* would not be very apparent. But here you will perceive the advantage which Gothic has over all other Teutonic dialects for the purposes of grammatical comparison and analysis. It is in Gothic, and in Gothic in the plural only, that the full auxiliary *dēdam, dēduþ, dēdun* has been preserved. In the Gothic singular *nasida, nasidēs,*

nasida stand for *nasideda, nasidedē,* *nasideda.* The same contraction has taken place in Anglo-Saxon, not only in the singular but in the plural also. Yet, such is the similarity between Gothic and Anglo-Saxon that we cannot doubt their preterites having been formed on the same last. If there be any truth in inductive reasoning, there must have been an original Anglo-Saxon preterite,†

Singular
 ner-ē-dide
 ner-ē-didest
 ner-ē-dide

Plural
 ner-ē-didon
 ner-ē-didon
 ner-ē-didon

And as *ner-ē-dide* dwindled down to *nerēde*, so *nerēde* would, in modern English, become *nered*. The *d* of the preterite, therefore, which changes *I love* into *I loved*, is originally the auxiliary verb *to do*, and *I loved* is the same as *I love did*, or *I did love*. In English dialects, as, for instance, in the Dorset dialect, every preterite, if it expresses a lasting or repeated action, is formed by *I did*,* and a distinction is thus established between 'e died eesterdae,' and 'the vo'ke did die by scores;' though originally *dicd* is the same as *die did*.

"It might be asked, however, very

properly, how *did* itself, or the Anglo-Saxon *dide*, was formed, and how it received the meaning of a preterite. In *dide* the final *de* is not termination, but it is the root, and the first syllable *di* is a reduplication of the root, the fact being that all preterites of old, or, as they are called, strong verbs, were formed, as in Greek and Sanskrit, by means of reduplication. The root *do* in Anglo-Saxon is the same as the root *tithē* in *tithēmi* in Greek, and the Sanskrit root *dā* in *dadhāmi*. Anglo-Saxon *dide* would therefore correspond to Sanskrit *dadhau*, I placed"—*Lectures on the Science of Language*, pp 218-221.

—ED]

* *Barnes, Dorsetshire Dialect*, p. 23

LECTURE XVI

GRAMMATICAL INFLEXIONS.

§ 1. Arrangement of period. § 2. Latin inflexions. § 3 Value of Latin grammar. § 4. Comparison of the advantages of uninflected and inflected languages. § 5. Collocation of words.

II.

§ 1. THE general principle, which the philological facts stated in the last lecture serve to illustrate, is that, in fully inflected languages like the Latin, the grammatical relations, as well as many other conditions of words, are indicated by their form; in languages with few inflexions, like English, by their positions in the period, and by the aid of certain small words called auxiliaries and particles, themselves insignificant, but serving to point out the connexion between other words. In the proposition which was taken as an example, *sheep fear man*, *oves timent hominem*, the English words were each employed in the simplest form in which they exist in the language, without any variation for case, number, or person, whereas, in the corresponding Latin phrase, every word was varied from the radical, or inflected, according to its grammatical relations to other words in the period. Hence it will be seen that, for determining the relations between the constituents of a Latin period, the attention is first drawn to the inflected syllables of the words, and only secondarily to their import. These syllables may be called the mechanical part of grammar, because, though they probably once had an intelligible significance in themselves, yet that had been lost before Roman literature had a being, and so far back as we can trace the language they were always, as they now are, mere signs of external relations and accidental conditions of the words to which they are applied. When the first inflected word in a Latin sentence is uttered, its relations to the entire proposition are approximately known by its ending, its ear-mark, and the mind of the listener is next occupied in sorting out of the words that follow. another, whose termination tallies with that of the first; the process is repeated with the second, and so on to the end of the period, the sense being often absolutely suspended until you arrive at the key-word, which may be the last in the whole

sentence. We may illustrate the mental process thus gone through, by imagining the words composing an English sentence to be numbered one, two, three, and so on, but to be pronounced or written promiscuously, without any regard to the English rules of position and succession. Let it be agreed that the nominative, or subject of the verb, shall be marked *one*, the verb *two*, and the objective case, or object of the verb, *three*. Thus, William 1, struck 2, Peter 3. It is evident that, if we once become perfectly familiar with the application of the numbers, so that *one* instantly suggests to us the grammatical notion of the subject or nominative, *two* of the verb, and *three* of the object or objective, the numeral being in every case the sign of the grammatical category, the position of the words becomes unimportant, and it is indifferent whether I say William 1, struck 2, Peter 3, or Peter 3, struck 2, William 1. The subject, the verb, and the object remain the same in both forms, and the meaning of course must be the same. English-speaking persons, in practising such lessons, would at first, no doubt, mentally rearrange the period, by placing the words in the order of their numbers, according to the law of English syntax, just as we do in construing or beginning to read a foreign language with a syntactical system different from our own. Thus in long sentences would be very inconvenient, because the words and their numbers must be retained in the memory until the sentence is completely spoken or read through, and then arranged afterwards; but practice of this sort would be found a useful grammatical exercise, and at the same time would facilitate the comprehension of the syntactical principles of languages where the meaning of the period is not determined by position. This method of illustrating the principles of syntactical arrangement may seem fanciful, but nevertheless numbers have been employed by very high English authority, in actual literary composition, as a means of marking grammatical relation. Sir Philip Sidney, in the third book of the 'Arcadia,' introduces a sonnet "with some art curiously written," in which the words are arranged chiefly according to metrical convenience, but their relations indicated by numbers printed over each word. There is, however, a difference between his system of numeration and that which I have used in the example just given. He applies the same number to all the words composing each separate member of the period, because, in a long proposition containing many members, the numbers would be difficult to retain, if running on consecutively. Thus the nominative, the verb, the objective, and the adverbial phrase of qualification, composing the first member, are all marked *one*; the same elements of the second member all marked *two*, and so of the rest. The sonnet is as follows.—

¹Vertue, ²beautie, and ³speech, did ¹strike. ²wound, ³charme,
¹My heart, ²eyes, ³eares, with ¹wonder, ²love, ³delight,
¹First, ²second, ³last, did ¹binde, ²enforce, and ³arme,
¹Hus works, ²shews, ³suits, with ¹wit, ²grace, and ³vows' might.

¹Thus honour, ²liking, ³trust, ¹much, ²farre, and ³deepe,
¹Held, ²pierc't, ³posses't, my ¹judgment, ²sense and ³will,
¹Till wrong, ²contempt, ³deceit, did ¹grow, ²steale, ³creepe,
¹Bands, ²favour, ³faith, to ¹breake, ²defile, and ³kill

¹Then griefe, ²unkindnesse, ³prooffe, ¹tooke, ²kindled, ³thought,
¹Well grounded, ²noble, ³due, ¹spite, ²rage, ³disdaime,
¹But, ²ah, ³alas, (in vaine) my ¹minde, ²sight, ³thought,
¹Doth hum, ²his face, ³his words, ¹leave, ²shun, ³refraine

¹For no thing, ²time, ³nor place, can ¹loose, ²quench, ³ease,
¹Mine owne, ²embraced, ³sought, ¹knot, ²fire, ³disease

The first four verses transposed according to the rules of English syntax would read thus:—

¹1 Vertue did ¹strike my heart with ¹wonder,
²2 Beautie „ ²wound „ ²eyes „ ²love,
³3 And speech „ ³charme „ ³eares „ ³delight

¹1 The first did ¹bind his works with ¹wit,
²2 „ second „ ²enforce „ ²shews „ ²grace,
³3 And „ ³last „ ³arme „ ³suits „ ³vows' might.

A like example occurs in some complimentary verses addressed by Edward Ingham to the celebrated John Smith, and printed in Smith's History of Virginia:—

¹Truth, ²travayle, and ³neglect, ¹pure, ²painefull, ³most unkinde,
¹Doth prove, ²consume, ³dismay, the ¹soule, the ²corps,* the ³minde

* On this use of corps for living body, see Notes and Illustrations

Again, we may suppose, that instead of numbering the words according to their order in English syntax, the subject, verb and object are respectively distinguished by the letters of the alphabet, *a*, *b*, *c*. It is evident that in this case also the position of the words might be varied at pleasure without affecting the sense. Or, to come at once to the actual fact, as it exists in many languages, let us agree that the nominative case of all nouns of the masculine gender shall end in the syllable *-us*, which will then be equivalent to *one* in the numeral notation; the third person singular of the past tense of active verbs shall end in the syllable *-it*, which will correspond to number *two*; and the objective shall terminate in the syllable *-um*, answering to *three*. This would in fact be the Latin system, except that there is a greater variety of Latin endings than those I have mentioned. The terminations here answer the same purpose as the numbers, and it is plain that the order of the words in the period becomes grammatically indifferent:—

Gulhelmus percussit Petrum,
 Gulhelmus Petrum percussit,
 Petrum percussit Gulhelmus,
 Petrum Gulhelmus percussit,
 Percussit Gulhelmus Petrum,
 Percussit Petrum Gulhelmus,

all being equally clear, and all meaning the same thing. While therefore this simple phrase admits of but one arrangement in English, the Latin syntax allows half a dozen, all equally unequivocal in meaning.

§ 2. Every Latin verb has numerous terminations, each of which indicates whether the action expressed by it is past, present or future, whether its subject is singular or plural, and whether it is in the first, second or third person. Every noun has several terminations, each of which determines its case, nominative, genitive (possessive), and dative, accusative or ablative (objective), and the like, its number, and generally also its gender. Every adjective has many endings, each of which denotes the same accidents as those of the noun. In many instances, the endings of the noun and adjective indicative of case, number and gender are the same in both classes of words; in others, they are different, but whether like or unlike, they, and those of the verb also, correspond to each other, so that when the forms are once thoroughly mastered, it is in general easy to decide, by the terminations alone, without reference to position, to what noun a particular adjective belongs, and what are the relations between the noun and the verb. Hence, in English, the form determines little, the position much; in Latin, the relative importance of the two conditions is reversed, and, comparatively speaking, order is nothing, form is everything. The Latins could employ foreign

names or other words, only by clipping or stretching them to their own standard, and not only conforming them to their orthoëpy, but to their syntax also. Accordingly, the Celtic, Teutonic and other barbarous common and proper nouns, which occur so often in Roman history, are so much disfigured by changes in the radical combinations of letters, and especially in their characteristic terminations, that it is difficult to detect their original elements, and they aid us little in discovering the forms which marked the non-Roman dialects of those periods. The modern writers of the sixteenth century—a period, when the European languages were little studied out of their native territory—resorted to Latin as a means of communication, whenever they wished to make themselves understood beyond the limits of their respective countries, and the rigid syntax of that language compelled them to perform similar operations on the modern names which they introduced into their writings. The historian De Thou, or Thuanus, as he called himself, Latinized the names of his personages in so strange a fashion that, to follow him, one must know not only the inflexions, but the etymology, both of the Latin and of the modern languages to which these names belong. Thus the French family name *Entraigues*, etymologically, *entre les aigues* (*aigues* being an old form for *eaux*, waters), and meaning *between-the-waters*, is, for the convenience of declension, converted into *Interamnās*, a Latin form, of corresponding etymology. The native name of the celebrated Erasmus was *Gheraerd Gheraerds*. The root of *Gheraerd* is a verb signifying to desire, but the name was very repugnant to Roman orthography and syntax, and the great scholar Latinized his prænomen into *Desiderius*, and Græcized his surname into *Erasmus*, both signifying the same thing. In like manner, the literary name of the Reformer Melancthon is a translation of the German *Schwarzerde*, or *Blackearth*, and that of *Oecolampadius* is a Greek version of his German family appellation *Hausschein*.*

§ 3. But to return. From what has been said of the structure of the Latin, as compared with that of the English period, it is obvious that the analysis to which a proposition is subjected in the mind of the listener, is conducted by very different processes in Latin and

* Bolton, in his *Hypercritica* (Haslewood's Collection, ii 252), says—"In this fine and meer schoolish folly, after that, George Buchanan is often taken, not without casting his reader into obscurity. For in his histories, where he speaketh of one Wisheart, so little was his ear able to brook the name, as that, translating the sense thereof into Greek, of Wisheart comes forth unto us *SOPHOCARDIUS*."

The *Fard'e of Factions* gives us the converse of this practice, and calls the historian Tacitus, Cornelius *the still*. "For Cornelius *the styll*, in his firste booke of his yerely exploitcs, called in Latine *Annales*," &c. &c., chap. iiii. s. iii., edition of 1555, reprint of 1812, p. 312.

English In the English sentence, the proportion of words whose form fixes their grammatical category is too small to serve as a guide to the meaning. The logical relations must first be determined, and the syntactical relations inferred from them. In Latin, on the contrary, you first, so to speak, spell out the syntax, and thence infer the sense of the period. In other words, to parse an English sentence, you must first understand it; to understand a Latin period, you must first parse it. And in this predominance of the formal over the logical lies the exceeding value of the Latin as a grammatical discipline—not as a necessary means of comprehending or using our own tongue—but as a universal key to all language, a general type of comparison whereby to try all other modes of human speech.

✓ The English student who has mastered the Latin may be assured that he has thereby learned one half of what he has to learn in acquiring any Continental language. The thorough comprehension of this one syntax has stored his mind, once for all, with linguistic principles, of general application, which, without this study, must be acquired over again, in the shape of independent concrete facts, with every new language he commences. The Latin syntax, in fact, embraces and typifies all the rest; and he who possesses himself of it, as a preliminary to varied linguistic attainment and research, will have made a preparation analogous to that of the naturalist, who familiarizes himself with the scientific classification and nomenclature of the study he pursues, by the critical study of some perfectly organized type, before he attempts to investigate the characteristics of inferior species

§ 4. An important advantage of a positional and auxiliary, over a flexional, syntax, is that the chances of grammatical error are diminished in about the same proportion as the number of forms is reduced, and, accordingly, we observe that the mistakes of bad speakers in English are never in the way of position, not often in particles or auxiliaries, but almost uniformly in the right employment of inflexions, such as the use of the singular verb with a plural noun, the confounding of the preterite with the past participle, or the employment of the strong inflexion for the weak, or the weak for the strong. The double system of conjugation in our verbs, that with the letter-change, and that by augmentation, is a fertile source of blunders, not only with children, but with older persons; and for want of that particular exercise, our English memories are so little retentive of forms, that even distinguished writers are sometimes convicted of grave transgressions in accident.*

* I noticed in the last lecture the confusion between the causative forms *feri*, *to be*, *to set*, and their respective simple verbs *ferre*, *habe*, and *esse*, but almost all verbs with the strong inflexion are subject to erroneous conjugation, espe-

Inflected languages have an important advantage over those whose words are invariable, in their greater freedom from equivocation. In a perfect inflected grammar, in a system where, for instance, the forms of the genders and cases of nouns, adjectives, articles and pronouns, should be so varied that no single ending could be used in different connexions, or for different purposes, where the distinctions of number, person, mood, tense and condition, in the verbs, should have each its appropriate and exclusive form; and where the rules of verbal and prepositional regimen should be uniform and without exception, in such a system, the meaning of an author might be obscure from profoundness of thought, or vague from the indefiniteness of the vocabulary, but it could hardly be equivocal. The passages in classic authors where either one of two meanings is, grammatically speaking, equally probable, are not very numerous, and where they actually occur, it usually arises from neglecting the inflexional, and employing a simpler, construction, or from the fact that one inflexion is obliged to serve for more than one purpose. In the illustration just used, I showed that the relative positions of the nominative and the objective were indifferent in Latin, both might follow the verb, both might precede it, the nominative might go before and the objective after, as in English, or the direct contrary; *Gulielmus Petrum percussit*, in the order nominative, objective, verb, being just as clear and unequivocal as when the objective follows the verb. We have in English a remarkable construction, borrowed, probably, from the Latin, by which, in a dependent proposition, the objective with the infinitive is put for the nominative with a finite verb. Thus, "I think him to be a man of talents," instead of "I think that he is a man of talents." Now, awkward as this is, its meaning is perfectly unequivocal. The Greeks and the Latins employed the same form, but much more extensively, and by no means with the infinitive of neuter verbs alone, as *to be*, and the like, but with active or transitive verbs, which themselves took and governed another objective or accusative.* This is one of the cases

cially if the preterite and past participle differ from each other, as well as from the indicative present. The verbs *to go* and *to see* are particularly unlucky in the treatment they receive. *Had went* is very often heard from ignorant persons, and I have known a gentleman in an important station in public life, a close personal and political friend of an American chief magistrate, who often prefaced his confidential explanations of his votes, by saying, "I have *saved* Mr. Blank this morning, and heard so and so from him."

* We find, in Early English, examples of the objective before other infinitives than that of the substantive verb. Thus in Genesis xxxvii. 7, older Wycliffite version "I renele vs to bynden hondfullis in the feeelde, and myn hondful as to ryse." The modern construction, "I saw him go," and the like, is not as analogous form, but of a different origin.

where a departure from general syntactical principles may produce an uncertainty of meaning. When Pyrrhus consulted the oracle as to the result of his meditated war with Rome, the reply was, "I declare you, O Pyrrhus, the Romans to be able to conquer!" Now in Greek and Latin, as we have said, there was no rule of position requiring the objective to follow the verb which governed it, and it was therefore doubtful whether the oracle meant, "I declare you to be able to conquer the Romans," or, "I declare the Romans to be able to conquer you."

In English, on the other hand, so much depends on position, and the possible varieties of position between two logically connected words are so many, that it is often extremely difficult to frame a long sentence, where it shall not be grammatically uncertain to which of two or three subjects or antecedents a predicate or relative belongs. Hence, we are continually driven to turn from the dead letter to the living thought, to project ourselves into the mind of the author, in order to determine the grammatical connexion of his words; to divine his special meaning from the general tenour of his discourse, rather than to infer it from his syntax. Of all English writers, Spenser shows himself most independent of the laws of position. He disregards altogether the common grammatical rule of referring the relative to the last antecedent, and trusts entirely to the sagacity of the reader to detect the *who* in the multitude of *hes* and *shes* that go before it*. Apart from the point of equivocation, which does not often create any real logical difficulty in comprehending an author, however much we may be embarrassed in parsing him, I do not think that, with respect to precision of expression, or the nice discrimination of delicate distinctions of thought and shades of sentiment, inflected languages have any advantage. These qualities of speech are independent of grammatical form. They are determined by the inherent expressiveness of individual words, far more than by their syntactical relations, and it would be difficult to produce an example of a subtlety of thought expressible by inflexion, which could not be conveyed with equal precision and certainty by proper uninflected words with the aid of particles and auxiliaries †.

* The description of the combat between Sir Guyon and Pyrochles, in canto ix. book i. of the *Færie Queene*, is a characteristic example of this grammatical confusion.

† Doubtless *habuissiem* is a more elegant and convenient form than *I might, could, would, or should have had*, which grammars give as its equivalents, but our varieties of expression, awkward as they are, more than compensate us, by their distinctions of meaning, for the simplicity of the one word which the Roman used for so many. Fortenelle said, "Si je recommençais la vie je ferois tout ce que j'ai fait." Did he mean *I would do* or *I should do*? In all such cases, the context, or the circumstances under which the words were

§ 5. Fixedness of position is an essential quality of syntax in languages where grammatical relations are not determined by inflexion, because position only can indicate the relation between a given word and those with which it is connected by particles and auxiliaries.

But though the position of words must be a fixed one, yet it does not necessarily follow the natural order of thought in any given case, but may be entirely independent of logical sequence, and of course arbitrary. Of this there are numerous examples in English. Except when we depart from the idiom of the language, by poetic or rhetorical license, we must place first, the subject, then the copula or predicate verb, and then the object, as, for example, *William struck Peter*, *William* being the subject or agent, *struck* the verb, *Peter* the object or sufferer. Now, this may be the logical order of thought, or it may not, according to circumstances, but nevertheless the law of position in English is inflexible. If, for example, the words just supposed are uttered in reply to the question, *Who struck Peter?* then the grammatical rule and the logical order of arrangement coincide, inasmuch as the personality of the agent would first suggest itself to the respondent. But had the question been, *Whom did William strike?* it is equally clear that the name of the object, *Peter*, would first rise in the mind, and logically should be first expressed by the lips. So, had it been asked, *What did William do to Peter?* the thought and word *struck* logically would, and grammatically should, take precedence. It is easy to imagine that, without any question put, circumstances may make first and most prominent in the mind of the speaker, either the subject, the predicate or the object, and it is a most important convenience to him to be able to observe what, in the particular case, is the natural order of thought.* In inflected

spoken, must be called in to decide. In English, the auxiliary determines the sense

[Southey says, "They may talk as they will of the dead languages. Our auxiliary verbs give us a power which the ancients, with all their varieties of mood and inflexion of tense, never could obtain" (*The Doctor*, p 1). To the same effect William von Humboldt, speaking of the transition from a synthetic to an analytic structure of language, says. "The practical convenience of expressing the sense supersedes the fanciful pleasure originally felt in combining elementary sounds with their full-toned syllables, each pregnant with meaning. The inflected forms are broken up into prepositions and auxiliaries. Men sacrifice other advantages to that of ready understanding; for without doubt this analytic system not only diminishes the labour of the intellect, but in particular cases it attains a degree of precision which is reached with greater difficulty by the synthetic structure." Quoted by Sir Edmund Head in his instructive work *Shall and Will*, p 5—ED.]

* In discussions upon the relations between the logical order of thought and the syntactical succession of words, it has been sometimes assumed, and at

languages, this may very generally be done, inasmuch as the form of every word indicates with certainty its grammatical case

It is obvious that the power of arranging the period at will, of always placing at the most conspicuous point, the prominent word, the key-note of the emotion we seek to excite, is a logical and rhetorical advantage of the greatest moment. If no such motive of position exists, the speaker may consult the laws of euphonic sequence, or

other times argued, that we are to inquire into the construction of the proposition as abstracted from all circumstances which might affect the order of thought and expression in the mind of either speaker or hearer. This is to suppose a case which, in articulate or written language, cannot exist, and in point of fact seldom, if ever, does exist in purely intellectual processes. No man speaks or writes without a motive, and that motive originates in circumstances that necessarily modify the order in which thought rises to the mind, and words to the lips or pen

We know language only in its concrete form, and the grammatical and philological question always is, What is the order of thought under such or such circumstances? The rhetorical question is still more complicated. How am I, under the circumstances special to me, to arrange my words, that they may produce the right impression on the mind or heart of my hearer under the circumstances that are operating on him? This, indeed, is purely a matter of art, and belongs as little to philology, as do metaphysical inquiries into the abstract laws of thought. Men are usually so much under the control of subjective emotion that they utter their words without calculating their effect beforehand, and they habitually arrange them according to the syntactical laws of the language they are speaking, by a process which long practice has rendered mechanical and unconscious. The circumstances which affect the order of thought in an independent proposition, uttered not as a reply to a question, nor with any reference to the conditions peculiar to the person addressed, are too various even to admit of generalization or classification. An example or two must suffice. To take the proposition I have so often employed as an illustration, William struck Peter. If we suppose Peter, as a son or relative, to be invested with special interest in the eyes of the speaker, and William to be comparatively a stranger, the name, as the representative of the personality of Peter, would be first in the order of thought, and in languages where, as in Latin, expression is free to conform to the thought, first in the order of words also. Hence the natural arrangement of the proposition would be Peter [objective] struck William [nominative].

The order of thought and speech would be the same, if the action were reversed, and Peter were the agent, William the sufferer. Again, if the blow were a very severe one, the character of the act would be most prominent in the mind of the speaker, and the order of expression would be struck Peter [objective] William [nominative]. In general, it may be said that the relative emphasis with which the different words composing a proposition are uttered, if it could be exactly measured, would serve as a guide to the place of the words in the logical order of succession, the most emphatic words coming first.

In many languages, the order of arrangement is inverted, or at least changed in interrogative sentences. In others, interrogative pronouns, particles, or auxiliary verbal forms, very often serve to put the question independently of the order of the words. Among the great European tongues, the Italian is less bound to a fixed sequence in interrogative sentences than any other.

metrical convenience, and order his words in such succession of articulate sounds as falls most agreeably upon the ear. Accordingly, in languages which have this flexibility of structure, we observe that orators, when they would rouse the passions of their audience, arrange their periods so as to give to the emphatic words the most effective positions, when, on the contrary, they would soothe the minds, or allay the irritation of their hearers, they seek a flowing and melodious collocation of sounds, or sink words suggestive of offence, by placing them in unemphatic parts of the sentence. Thus, to a certain extent, in these tongues, a speaker might accomplish by mere collocation what in others he must effect by selection, and, with the same words, he might frame a sentence which would excite the indignation of his audience, and another which, while communicating precisely the same fact, should, by making a different element prominent in the order of utterance, be received with little emotion. For the complete illustration of what I have been saying it would be necessary to resort to more of Greek and Latin quotation than would be appropriate, but classical scholars will find in those literatures many examples of great skill in ordering words with reference to effect. Demosthenes, in particular, exhibits consummate dexterity in this art. At his pleasure, he separates his lightning and his thunder by an interval that allows his hearer half to forget the coming detonation, or he instantaneously follows up the dazzling flash with a pealing explosion, that stuns, prostrates, and crushes the stoutest opponent.

English poetry, and that of the highest character, is full of instances where the rhetoric has overpowered the grammar, and the poet has availed himself of what is called poetic license, to place his words in such order as to give them their best effect, without regard to the rigid rules of our obstinate syntax. Take, for example, this couplet from Byron's 'Adieu.'

"The night winds sigh, the breakers roar,
And shrieks the wild sea-mew."

Here the last line is far more effective than it would have been if the nominative had preceded the verb:

"The wild sea-mew shrieks."

In the first line, no such change of position was required in either member, because the nouns *wind* and *breakers* are of themselves suggestive of the sounds which belong to them, whereas form and power of flight are the ideas which most naturally couple themselves with the name of the bird. So, in 'King Lear':

"Such bursts of horrid thunder,
Such groans of roaring wind and rain I never
Remember to have heard!"

Here the force of the passage would have been much weakened by following the rule of placing the objective after the verb :

"I never remember to have heard such bursts of thunder," &c. }

And in 'Samuel :

"Nabal is his name, and folly is with him," }

is far more forcible to those who know that the name Nabal means a fool, than if the usual order, His name is Nabal, had been observed ; Fool is his name, and folly is with him, than, His name is fool, and folly is with him So, in Jacob's reply to Pharaoh, the shortness and emptiness of human life are more strikingly expressed by the phrase, "Few and evil have the days of the years of my life been," than by the more familiar English arrangement of the same words.

It was not for reasons of metrical convenience, but from a deep knowledge of the laws of thought, that, in announcing the argument of his great epic, Milton enumerates the several branches of the subject in a dependent form, before he introduces the comparatively insignificant governing verb, which does not appear till the sixth line of the introductory invocation .

"Of man's first disobedience, and the fruit
Of that forbidden tree, whose mortal taste
Brought death into the world and all our woe,
With loss of Eden, till one greater man
Restore us, and regain the blissful seat,
Sing, Heavenly Muse," &c.

Here the whole great drama, in its successive scenes, man's first sin, its consequences temporal and spiritual, his redemption by Christ and final salvation, is brought before us at once in all its majesty, weakened by no tame conventionalities of introduction.

The Anglo-Saxon, although its original variety of inflexion had been greatly reduced before the date of its most flourishing literature, still retained a good deal of freedom of collocation The Anglo-Saxon version of the New Testament generally follows its original in the order of its syntax, and early English writers employed, in prose at least, greater liberty of position than is now practised. It is an interesting observation, that the modern Italian has inherited from its Latin mother a great freedom of periodic arrangement, though with a marked inferiority in power of inflexion It has an immense advantage over the French, in variety of admissible collocations of words in a given sentence, as well as in the greater number of allied forms of expression The French inflexions, indeed, as has been before observed, are much less complicated and complete to the ear

than to the eye; and if we strip the accident of the flexional syllables or letters which in the spoken tongue are silent, the distinct variations in the forms of words are far fewer than they appear in the written language. But the difference between French and Italian in flexibility of syntax does not depend upon this circumstance alone, for Italian has nearly as great a superiority in liberty of syntactical order over the Spanish, which possesses full and distinctly marked inflexions. The freedom of the Italian syntax is to be ascribed in part to the fact that it is both an aboriginal and, to a great extent, an unmixed tongue, spoken by the descendants of those to whom the maternal Latin was native, and retaining the radical forms and grammatical capabilities of that language, whereas French and Spanish are strangers to the soil, corrupted by a large infusion of foreign ingredients, and spoken by nations alien in descent from those who employed the common source of both, as their mother-tongue. The wretched servitude under which Italy has for centuries alternately struggled and slumbered has prevented the free employment of its language on such themes as to bring out fully its great capacities, and make it known to intellectual Europe as an intellectual speech; but its many-sidedness and catholicity of expression, its rhetorical facility of presenting a thought in so many different aspects, render it valuable as a linguistic study, independently of the claims of its literature.

In general it may be said, that in inflected languages the point of view in which the subject presents itself to the mind of the speaker, is the determining principle of the collocation of words in periods, but at the same time, they allow such an arrangement as to enable the speaker to suit the structure of the sentence to the supposed condition of the mind of the hearer, or the impression which he wishes to produce upon him. The natural order in which thought develops itself in the mind of one already cognizant of the facts, agitated with the emotion, or possessed of the conclusions which he wishes to communicate to another, is not by any means necessarily that which would be most readily intelligible to a mind ignorant of the facts, or most impressive to one intellectually or morally otherwise affected towards the subject. Hence the power of diversified arrangement of words in inflected languages is valuable, not merely because it permits a speaker to follow what is to *him* a logical order of sequence, but because a master of language, who knows the human heart also, may thereby accommodate the forms of his speech to the endless variety of characters, conditions, passions and intelligences, of which our discordant humanity is made up.

There is another point which must not be overlooked. An inflected language, with periods compacted of words knit each to each in unbroken succession, is eminently favourable to continuity of

✓ thought. A parenthetical qualification interrupts the chain of discourse much less abruptly, if it is syntactically connected with the period, than if it is, as is usual in English, interjectionally thrown in. It is said to be one of the tests of a perfect style, that you cannot change, omit, or even transpose, a word in a period, without weakening or perverting the meaning of the author. Although this may be true of English, I do not think it by any means applicable, to inflected languages like the Greek or Latin, so far at least as the order of words is concerned, for there seem to be many constructions in which position is not only grammatically, but logically and rhetorically, indifferent. In the rough draft of one of Plato's works, the first few words were written by way of experiment in half a dozen different arrangements, and the famous stanza in the 'Orlando Furioso' of Ariosto, descriptive of a storm at sea.

"Stendon le nubi un tenebroso velo," &c.,

is said to have been composed by the poet in ten times as many forms. Doubtless in such a wide variety of sequences, there were some discoverable differences of meaning, but in the main, both the philosopher and the poet were aiming in all this nicety at a sensuous, as much as at an intellectual effect upon the reader, however logically important a particular succession of words may have been in other passages of their writings.

NOTES AND ILLUSTRATIONS.

CORPS, FOR LIVING BODY.

Southey, who was very well read in Early English literature, appears to have overlooked the fact that *corps* was, not unfrequently, used for *body* of a living person in the seventeenth century. In a note on p. 407 of the *Chronicle of the Cid*, upon the word "carrion," he says: "In the translation of Richey's *Pilgrim of Loretto* by G. W., printed at Paris, 1630, a similar word is employed, but not designedly, . . . the translator, living in a foreign country, and speaking a foreign language, had forgotten the nicer distinctions of his own 'Women and maids,' he says, 'shall particularly examine themselves about the variety of their apparell, . . . of the too much care of their corps,' &c."

Spenser uses the word for living body —

"A comely corpse with beaute faire
endowed."

Hymne in Honour of Beautie, 135

Fuller, in *Andronicus, or, the Unfortunate Politician*, iii 18, uses *corps*, a dead body, as a plural: "As for the *corps* of Alexius . . . they were most unworthily handled," &c. And again, in his *Church History of England*, book x. sec. i. § 12, speaking of the funeral of Queen Elizabeth, he says, "Her *corps* were solemnly interred under a fair tomb," &c. But at the conclusion of book xi §§ 42, 43, 48, 49, and 50, he employs *corps* in the singular, according to the present orthography and syntax. Are we to charge the printers with the error, or to credit them with the correction?

LECTURE XVII.

GRAMMATICAL INFLEXIONS.

- § 1 The Romance languages. § 2 Whether derived from ancient dialects
 § 3 Return to radical forms in derivative languages § 4 History of inflexions
 § 5 Effects of conquest in corrupting a language § 6 Other causes of linguistic corruption § 7 Influence of poetry upon inflexions
 § 8. Influence of inflexions upon the accentuation.

III.

§ 1. It is a remarkable fact that the modern languages known in literature are, perhaps without exception, poorer in grammatical inflexions than the ancient tongues from which they are respectively derived, and that, consequently, the syntactical relations of important words are made to depend much more on auxiliaries, determinative particles and position. In fact, the change in this respect is so great as to have given a new linguistic character to the tongue which now constitute the speech of civilized man. I alluded on former occasion to a doctrine advanced by very eminent philologist that grammatical structure is a surer test of linguistic affinity than the comparison of vocabularies. But though this doctrine, as limited and understood by the ablest linguists, is true in its application to the primary distinctions between great classes of languages, as, for example, the Semitic and Indo-European, yet it properly relates to remote and generic, not specific affinities, and is not capable of such extension as to be of much practical value in comparing the mixed and derivative languages of Europe with those from which they are immediately descended.

We know, with historical certainty, that what are called the Romance languages, and their many local dialects, are derived from the Latin; but what coincidence of syntactical structure do we find between them and the common mother of them all? The Italian resembles the Latin in independence of fixed laws of periodical arrangement, but here the grammatical likeness ends, and, if we apply that test alone, it would be quite as easy to make out a linguistic affinity between the Italian and the Greek, as between the Italian and the Latin. The Latin has no article, definite or indefinite; its noun, adjective, pronoun and participle, have not only the distinction of number, but of three genders also, and a full system of

inflected cases, its adjectives admit of degrees of comparison, and its verbs have a passive voice. The Italian, on the contrary, has two articles, its nouns, adjectives, pronouns and participles, though varied for number, have no distinction of case; its adjectives are compared only by the aid of particles, it has no neuter gender, and its verbs are without a passive voice. All this is true, also, of the Spanish, French and Portuguese. These diversities of grammar would have been held to disprove a linguistic relationship between the Latin and its descendants, were not such relationship established both by identity of vocabulary and by positive historical evidence. So, with respect to the Greek, we know that more closely literal, more exactly word-for-word translations (and this is certainly one of the best tests of grammatical resemblance), can be made from it into German, than into any of the languages of Southern Europe, which, through the Latin, are more nearly related to it. Another fact bearing on this same question is, that the points of syntactical structure or general grammar, in which the modern languages of Southern and South-eastern Europe approach each other most closely, are just those in which they least resemble the Latin and the ancient Greek, from which they are respectively derived; and therefore, in spite of their diversity of origin, and their discrepancies of vocabulary and syntax, they must have been influenced by powerful common tendencies.

§ 2. The general resemblance between the languages of modern Europe, in points where they differ from the grammar of Greek and Latin as exhibited in classical literature, is not a matter of obvious explanation. It has been maintained that the popular colloquial speech of ancient Greece and Rome, and especially the vulgar and rural dialects of both, differed widely from the written languages, and nearly approximated to the modern spoken tongues which represent them. The supposed resemblance between ancient colloquial Greek and modern Rumanian, between ancient colloquial Latin, or the rustic dialects, and modern Italian, is an extremely interesting and curious subject, and it has been at least made out that many forms in the two modern dialects, hitherto supposed to be recent corruptions, are really of a very early date; but to assume that those dialects are merely the popular speech of Athens and of Rome, would be to claim for them an immutability, a persistence of character, which is at variance with what observation teaches us is the inevitable law of all language, and, moreover, with what historical evidence proves as to successive changes in the very tongues in question. Modern Italian has divided itself into at least a score of clearly marked distinct dialects, and but few of the characteristic peculiarities of these can be traced to any ancient source. The differences between them, in point of vocabulary, seem to depend very much on the special extraneous

influences to which the localities where they are spoken have been exposed, but with regard to their very wide diversities in inflexion, in syntax, and in pronunciation, although the same influences have doubtless been active in producing them, yet it is very difficult to trace the relation between the cause and the effect. Disregarding relatively unimportant exceptions, the most general classification we can make of these dialects is into those with full, and those with meagre inflexions. The northern dialects, those spoken in the provinces most subject to invasion by, and commixture with, unallied races, have usually the fewest inflexions; those of Southern Italy, on the contrary, where the population is more homogeneous, or where the mingling of races dates further back, are generally more fully inflected *

§ 3 Perhaps the most interesting linguistic fact connected with the transition from an inflexional and independent, to a positional and auxiliary, grammatical structure, is that in the latter condition of syntax, the radical forms, which had been buried and almost lost in inflected and derivative words, are revived, and again employed in what we must suppose to be very near approximations to the earliest shape in which they existed as articulate words. There are many examples of this in the dialects of Northern Italy, and those which occur in every sentence of modern French are perhaps even more striking. *Homme*, *femme*, *an*, *bon*, are not to be considered as either derivatives or corruptions of the Latin *homo*, *femina*, *annus*, *bonus*. They are simply the radicals, the true words, restored to their pristine integrity by rejecting the accidental changes which inflexion has produced; for few linguistic inquirers doubt that the Latins said *hom*, *fem*, *an*, *bon*, before they said *homo*, *femina*, *annus*, *bonus*.†

* [Professor Max Muller makes some very interesting remarks on what he terms *dialectical regeneration*. He points out that it is a mistake to imagine that dialects are everywhere corruptions of the literary language. He shows that dialects have always been the feeders rather than the channels of a literary language, and that when a language becomes fixed by literary composition, like the classical Latin, it pays for its temporary greatness by inevitable decay. He brings forward good reasons for the opinion that the sources of Italian are not to be found in the classical literature of Rome, but in the popular dialects of Italy.—*Lectures on the Science of Language*, p. 57 seq.—Ed.]

† In the return of words to their primitive forms, we have an evidence of the organic nature of language, but the law of persistence, change, and reversion is not the same in the word as in the plant or animal. The successive generations of the vegetable or the animated creature are identical in their characteristics, so long as the external conditions in which they live are constant, these characteristics change when the influential circumstances of the propagation and growth of the particular organism are changed, and when disturbing or abnormal causes cease to operate, the plant or the animal returns to the typical

§ 4. It is a received theory among English, and pretty generally among Continental philologists, that modern languages are, not accidentally but essentially, and by virtue of some universal law of mutation, distinguished from ancient ones by greater simplicity of grammatical form. The doctrine, as stated by Latham, is, that—

1. The earlier the stage of a given language is, the greater the amount of its inflexional forms, and the converse.

2. As languages become modern, they substitute prepositions and auxiliaries for cases and tenses.

3. The amount of inflexion is in the inverse proportion to the amount of prepositions and auxiliary verbs.

4. In the course of time languages drop their inflexions, and substitute circumlocutions by means of prepositions, &c. The reverse never takes place.

It is obvious that the last three of these propositions are little more than repetitions, or rather specifications of the first, and equally evident that the first, in the form put by our author, is untrue. That all languages which have been reduced to writing have thereafter tended to flexional simplification is undisputed, but no genetic theory of the origin of inflexions has ever been proposed, which did not directly contradict the general proposition enunciated by Latham. All these theories suppose either an organic evolution of inflected from simple forms, or a coalescence of different parts of speech into single words, and of course, in every language, an 'earlier stage' than that in which the inflexions were fully developed. If Latham's doctrine were true, we should be driven to the conclusion that such forms as the Latin subjunctive pluperfect *habuissetis*, and the Greek *ἔβουλεύμεθα*, were not agglutinate or derivative, but either primitive or preceded by still more complicated inflexions. We should thus be compelled to believe that language was a thing, not of development and growth, but, in its most perfected form, a possession of primeval man, and that all subsequent changes were but corruptions. I mentioned in a former lecture several instances where the formation of new inflexions in very modern times was matter of historical certainty. The list might easily have been increased, and, though we cannot positively show the mode of development of the whole modern conjugation of a Romance verb, and though some of the forms are undoubtedly mere corruptions of ancient inflexions, and others, at present, quite inexplicable, yet the cases are very numerous where we have the

form. The word, on the other hand, invariably, if not normally, undergoes successive mutations under the same continuing conditions, and disturbing influences do not accelerate its divergence, but bring it back to its original type. See Lecture XII.

strongest evidence that conjugations and declensions have arisen in very recent times, by processes precisely analogous to those which in the infancy of man produced them. It is obvious, then, that in the present state of our knowledge, we find no ground for the assumption of such a change in the constitution of the human mind, for it is nothing less, as Latham's broad propositions involve. We can assign probable reasons for linguistic changes, so far as change exists, without any such violent supposition, and it is far safer to confine ourselves to the statement of a philological fact common to a large class of languages, than to announce hypothetical propositions as laws embracing all human speech.

The languages of savages never reduced to writing, and of many nations among whom literature is little diffused, are astonishingly complex and multifarious in their inflexions, and as, for the want of recorded monuments, researches into their past history are impossible, we can have no warrant whatever for saying, either that such languages are in a very early stage of existence, or that their structure is less complicated than it was at some previous period.

If we compare existing unwritten with written languages, and both with what we know of their history, we shall, I think, conclude that, in general, the process of flexional development and agglutination goes on, and the forms become more and more complicated, until the language is reduced to writing, and a literature is created. At this period the formation of new inflexions is arrested, and the tendency thereafter is to simplification in form, increase of substance or vocabulary, and discrimination in signification; so that if a language adopts a written character at an early stage of its growth, it will be less complicated in its grammatical structure than if it exists only in a spoken form until a late period.

§ 5 With respect to the modern tendency of written languages to simplification of form, there are two causes, almost universal in their operation, which have not generally been sufficiently considered in their bearing on this particular point. These are foreign conquests, accompanied by the intermixture of a strange population with the native race, and the equally universal introduction of new religions by alien teachers. Although we cannot always specify the precise mode of operation of these transforming causes, yet they seem to me of themselves sufficient to have produced quite as great linguistic revolutions as we have witnessed in the speech of Europe, and indeed it is rather surprising that so much, than that so little, of the ancient tongues of Latium and Hellas yet exists in a recognizable form.

It is a generally verified fact, that in the case of the subjugation of a civilized by a barbarian or a less numerous race, the native speech is adopted by the conquerors.

How then would a given language probably be modified, by becoming the organ of communication between foreign masters or teachers, and their subjects or pupils? We learn the vocabulary of another language readily, its grammatical inflexions and phraseological combinations, with infinite difficulty. While therefore conquerors and missionaries would soon acquire radicals enough to make themselves intelligible, they would slowly, if ever, master the complicated forms of a foreign speech. Their commanding position would give authority even to their imperfect dialect, and especially if they were, as at least the missionary almost universally would be, intellectually superior to the subject race, their mutilated inflexions and foreign idioms, bearing the stamp of both physical and mental power and dignity, would become characteristics of elevated and refined speech, and sooner or later supersede the more complicated grammatical machinery of the native tongue. To these influences would be added others of a similar character, derived from the new commercial relations to which conquest usually gives birth, and thus, while the vocabulary might remain comparatively unchanged, the formal characteristics of the syntax might undergo an almost total revolution. There are few countries of Europe, few of civilized Asia, whose languages have not been modified and accommodated to the convenience of strangers, by such causes as I have described, and it would be difficult, if not impossible, to find a written speech which has remained wholly exempt from their action. Although, then, we can undoubtedly perceive that, in these latter ages of general intercommunion, all human speech is exposed to certain external influences of a universal character, we are not in possession of facts which authorize us to say, that there exists at the present day any inherent common tendency of language in either direction, and it is idle to speculate on conjectural causes for an unascertained phenomenon. No European language, perhaps I may say no tongue possessing a literature, has been so little exposed to the influences of which I have spoken, for the last eight hundred years, as the Icelandic, and a comparison of this language, in its present form, with the Swedish and Danish, which, in the eleventh century, if not later, were identical with it, is instructive in reference to the point under consideration. Sweden, Norway, and Denmark have not been devastated by conquest, nor has there been any large admixture of foreign with the native blood; but to all alien influences, except those of violence, they have been much exposed, and the consequence has been, that while the Icelandic has remained comparatively unchanged, the Swedish and Danish have been almost completely revolutionized, in every thing but the roots of their vocabularies, and in these there has been a very great infusion of foreign material. In this instance the difference must be ascribed,

not to any inherent tendency towards simplification of structure, but to external causes, and therefore in this, the best existing test case, we find little support for the theory in question.

§ 6. The countries composing the Roman Empire have been especially exposed to every conceivable cause and mode of linguistic corruption. We must not forget that the rural population of Italy was almost extirpated by the conscription and by civil discord, before the commencement of our era, and that the place of the Roman peasantry was supplied by Gallic, Teutonic, Hellenic, African and Asiatic colonized soldiers, and prædial slaves, to none of whom was the Latin a mother-tongue. The provinces were soon overrun, separated from the metropolitan seat of power, partially depopulated and re-peopled, split up into a multitude of petty principalities and nationalities, and finally reduced into an undistinguishable chaos, in which state they remained until the reign of Charlemagne restored Western Christendom to a measure of light and order. The reconstruction of European society then commenced. There was an evident gravitation towards centres, a tendency to consolidation and the assimilation of discordant elements. The fragmentary jargons began to harmonize, coalesce, and form national or at least provincial dialects, and finally, by processes which, when better understood, will throw more light on the general history of language than almost any other source of instruction, the great internal divisions of the Gothic and Romance tongues were clearly established, and each became a special, well-marked, national idiom.

Persons not familiar with the civil history of the middle ages, are generally not aware of the confusion of tongues which prevailed throughout Christendom as late as the beginning of the fourteenth century. The fine old Catalan chronicler Ramon Muntaner, who lived at that period, and had extensive opportunities of observation in Europe and in Asia, testifies that small as were the numbers of his countrymen, yet no other single language was spoken by so many. 'Yee will have marvaile,' says he, "of what I shall telle you, but natheless, if yee marke well, yee shal finde that I telle you the trouthe, that is to saine, there be nowhere so moche folke that spekethe one same tongue as of the Catalans. For in the reaume of Castille, there be many provinces, and everie of them useth his owne proper speche. Ye shalle finde the lyke diversity in Fraunce, in Englonde, in Almayne, and in all Rumehe; and in lykewise in thempiry of Constantynople, the Morea, and Vlaquia, and Natolie, and other marches, and it is even so with as manye other peoples as bee in the worlde. Now, some menne may bee abashed hereat, and wene it is but an olde wyfe's tale, but thinke what ye liste, wete ye wel, it is the veray trouthe." The mysterious tenacity with which language clings to the soil, seems to be the great conservative forc

that prevented the total annihilation of the Latin in the countries where the wide political sway of Rome had planted it. Too much of like influence has been ascribed to the adoption of the Latin as the language of the Romish Church; and it is very doubtful whether that circumstance really had any very important influence in the development and form of the modern Romance dialects. To all the Romance tribes, Christianity was taught through the Latin, and though Augustine advises the preacher to make some slight concessions to popular ignorance of language, yet there is little cause to believe that the jargons of the Italian, Gallic and Spanish provinces were ever much used as a vehicle of religious instruction. Grammatical Latin was sufficiently intelligible for the purposes of the priesthood, in all those provinces, when Christianity was established among them, and, once established, it was maintained by an authority that had more efficient means at its command than the persuasive accents of a maternal dialect. When, then, in the reign of Charlemagne, the Latin language was again cultivated for secular purposes, it was the classical, not the ecclesiastical, literature of Rome that made itself felt in modifying the spoken dialects, which were struggling up into recognized existence.

With the Gothic languages the case was quite otherwise. The missionary who goes armed with the cross, not with the sword, must use a speech intelligible to those whom he would convert. Charlemagne indeed made Christians by force, but the Gothic tribes generally were brought to Christianity by arguments and persuasions addressed to them by ministers speaking to every man in his own tongue. Hence the languages of the Gothic stock were employed in the service of religion at a *relatively* earlier period than those of Romance origin, and were modified accordingly. They all have grammatical peculiarities which seem repugnant to their general syntactical principles, and which they appear to have borrowed from the idiom of Greek or Latin works translated into them, or imitated by native authors, and hence in those languages we can often detect the influence of ecclesiastical Latin. The Romance dialects, on the contrary, did not venture to trespass on themes to the discussion of which the sacred tongue of Rome was appropriated, and their training and formative influences were almost wholly of a secular character.

§ 7. The influence of the causes of linguistic change to which I have alluded, was exhausted, or at least greatly weakened in its action, as soon as strong and stable governments were organized. Conservative forces now became predominant, and of these unquestionably the most important is the diffusion of a general taste for poetry. Poetic thought requires a certain dignity and elevation of action inconsistent with the employment of trite, trivial, and espre-

cially vulgar and abbreviated expressions, and, in spite of the theory and practice of Wordsworth, its dialect will always consist of a vocabulary in some degree less familiar than that of prose. The standard authors in prose and verse, especially in early stages of literature, are a little behind the language of their own period, because, among other reasons, before their works can have acquired such a diffusion and such an established popularity as to have entitled them to a permanently conspicuous place in the literature of a nation, a sufficient time usually elapses to produce some changes in the spoken tongue. Poetry makes a deeper impression than prose. Its forms address themselves more powerfully to the faculty of memory, and for this reason, as well as for its sententiousness, and its greater condensation and pungency of expression, it is more frequently quoted. Hence, a poem becomes less soon obsolete than a prose work of equal merit and even popularity, and of course it has a greater influence in keeping alive the dialect in which it is expressed. Poetry, considered as an art, is more essentially imitative than any branch of prose writing. Its means are much more restricted, its rules more arbitrary, its models more authoritative. In studying the art, therefore, the poet takes form and material together, and he who has imbibed the spirit of a Spenser or a Milton, can hardly fail unconsciously to adopt a Spenserian or a Miltonic diction.

But our present business is rather with the inflexional forms, than with the vocabulary or the grammatical structure of the language. Inflected forms, being more or less alike in each class of words, have a tendency to produce similarity of termination and, of course, rhyme. If, therefore, a word is so formed that by dropping an inflected syllable a convenient rhyme is lost, the inflexion will be retained in poetry after it has begun to be obsolete in prose. So, if there are two forms of a given word, while, in the conversational and prose dialect, there is always a tendency to discard one of them, the poet will find in the necessities of rhyme, in the convenience of making a word at pleasure monosyllabic or polysyllabic, a half-foot, an iambus, or a dactyle, and in the advantage of repetition without monotony reasons for retaining both, and thus poetry is constantly checking the progress of the language towards a rigid simplification.

For instance, the present tendency of English is to reject the adjectival form in *n*, as *wooden*, *leathern*, and the like, and to employ a noun in place of an adjective to express the material of which any thing is made; but the multitude of verses in which the true adjective is employed, powerfully tends to prevent this ending from becoming altogether obsolete. Woodworth's fine song, 'The Old Oaken Bucket,' which has embalmed in undying verse so many of the most touching recollections of rural childhood, will preserve the more poetic form *oaken*, together with the memory of the almost

obsolete implement it celebrates, through all dialectic changes, as long as English shall be a spoken tongue.

✓✓✓ § 8. The influence of inflexions upon the accentuation, and consequently the whole articulation of language, is a curious, and, so far as I am aware, nearly a new subject of inquiry. I shall have occasion to consider it more fully hereafter, but there are certain general principles which may be appropriately stated here. In languages varied by weak or augmentative inflexions, the ending, which determines the grammatical relations of a word, must be distinctly articulated, in order that the category of the word may be known. To accomplish this, the principal accent must be carried forward towards the end of the word, so as to emphasize one of the variable syllables, or there must be a secondary accent upon the final syllable, unless this is prosodically long, and of course dwelt upon sufficiently to make it distinctly audible. Now, in languages with uninflected or little varied endings, the relations of the words being indicated by particles, auxiliaries and position, the only syllable which requires to be made prominent by accent is the radical one, which generally lies near the beginning of the word, and the following syllables may be slurred over, with little danger of ambiguity. The grammatical determinatives, being independent words, and usually monosyllabic, are necessarily pronounced with some distinctness, and accordingly, if the radical syllables be made audible, the speaker is pretty certain to be understood. And this is more especially true where, as in the German and the English for instance, there is a strong tendency to inflexion by the letter-change. In almost all cases where this change takes place, it occurs in a syllable which is radical and therefore accented. Its distinct articulation makes the whole word intelligible, and we incline to suppress, or at least slight, all other grammatical characteristics, while, in languages inflected by augmentation, both the radical and all the variable syllables that follow it must be enunciated with a clearness that requires a certain effort. Other things being equal then, that is, the proportion of vocal elements being similar, and these of such character as to admit of equal facility of utterance, the language with strong inflexions will be most easily pronounced by the speaker and at the same time most readily understood by the hearer. It is, however, true, on the other hand, that by a natural adaptation or compensation, the vocal elements seldom or never are equally proportioned in inflected and uninflected languages, the clear vowel predominating in the former, and the obscure consonant in the latter, and, therefore, with a full, and musically speaking, *staccato* enunciation, such as is usually possessed by the natives of Southern Europe, the inflected language will be most intelligible to the listener. But the pronunciation of vowels requires a much greater expenditure of breath than that of

consonants, and the moment the articulation becomes artificial, as in reading or speaking with an unnatural tone, the demands upon the respiration, and the necessity of distinctly pronouncing the unaccented terminal syllables, conspire to make it more fatiguing to the reader or speaker. I am aware that Humboldt remarks that, after having been long accustomed to use Spanish, he found the return to German fatiguing to the organs of speech. I think this, however, was from the necessity of employing in pronunciation muscles long disused, and that the sense of weariness was confined to those muscles. But let any one equally familiar with two foreign languages, one inflected and one invariable, or one with strong and one with weak inflexions, try the experiment of reading aloud an hour in each, and he will find, as a general rule, that the more numerous the weak inflexions, the more fatiguing the reading. German and Italian may serve to illustrate the difference, the latter exhausting the voice of the reader much the soonest. It is true that the comparison of these two languages is not in all respects a perfectly fair test of the soundness of the principles I have laid down. The German has terminal inflexions to as great an extent as the Italian, but it must be remembered that, in conjunction with these, it very often employs the letter-change in the accented syllable, and this renders it unnecessary to bring the final vowel fully out. The plural of *die Hand* is *die Hande*, but the vowel-change in the radical syllable indicates the number with so much certainty, that the *e* final may be dropped or half suppressed, without creating any ambiguity. In Italian, the inflected syllable or syllables always terminate the word, and themselves end with a vowel. In the singular number of the verbs, the person, and in nouns and adjectives, both number and gender, are usually determined by the final vowel alone, so that in most cases the grammatical category of the word, and of course its relations to the period, depend upon a single vowel, which of course must be very clearly articulated. Again, the final vowel in German inflected words is very commonly the obscure *e*, while in Italian words it is the open vowel *a*, or long *o* and *i*, the feminine *e* being of less frequent occurrence. All these Italian endings make larger demands on the organs of speech than the German terminations. Further, the constant use of the nominative personal pronoun in German allows a less emphatic utterance of the signs of person in the verb; its frequent omission in Italian requires these signs to be made conspicuous. The general result of all these circumstances is that in German, in most cases, the only syllable which requires a very distinct pronunciation is the radical; in Italian, there is another syllable, and that a final vowel, which demands an equally full and precise delivery. Of course, in Italian, both causes of exhaustion, the predominance of open vowels, and the necessity of accentuating and

distinctly articulating a greater number of syllables, co-exist, and allowance must be made accordingly in treating the German as a representative of uninflected, the Italian of inflected languages, with reference to facility of utterance. At the same time, I think similar general conclusions will be arrived at, by comparing any two speeches, the one inflected, the other uninflected, or marked, the one by weak, the other by strong, inflexions.

LECTURE XVIII.

GRAMMATICAL INFLEXIONS.

- § 1. Grammatical structure of the Anglo-Saxon - its mixed character.
 § 2 Sketch of Anglo-Saxon grammar § 3. New English inflexions.
 § 4 Inflexions of nouns and adjectives. § 5 Inflexions of the verb.
 § 6. New inflexions formed by the coalescence of verbs and pronouns.
 § 7. Corruption of *have* into *a*. § 8. Coalescence of other words § 9
 Little progress of English in new grammatical forms § 10 Tendency of
 English to drop all inflexions the possessive case § 11 Introduction of
the form *its*. § 12. Use of *his* as a possessive sign § 13. Analogous
 form in Swedish, Danish, and Gothic § 14 Anomalous constructions

IV.

§ 1. In order to comprehend and appreciate the nature and extent of the change which English has undergone in the transformation from an inflected to a comparatively uninflected structure, we must cast a glance at the grammatical system of the Anglo-Saxon, from which modern English is chiefly derived. It has been already shown that the border-land of the Scandinavian and Teutonic races, whence the Anglo-Saxon invaders of England appear to have emigrated, has always been remarkable for the number of its local dialects, and it is very doubtful whether there is anywhere to be found a district of such narrow extent with so great a multitude of tongues, or rather jargons * The general ultimate tendency of this confusion of tongues is undoubtedly towards uniformity, but uniformity must be attained by mutual concessions Each dialect must sacrifice most of its individual peculiarities before a common speech can be framed out of the whole of them These peculiarities lie much in inflexion. The dialects, it may be predicted, will be harmonized by dropping discordant endings; and if the Friesian shall survive long enough to acquire a character of unity, it will be very nearly what the English would have been without the introduction of so many words of Romance origin.

Such a process as this the Anglo-Saxon actually underwent in

* See Lecture I. p. 16, and Notes and Illustrations, *On the Friesian Dialects*, p. 24.

England, and accordingly its flexional system, in the earliest examples which have come down to us, is less complete than in either of the Gothic tongues that contributed to its formation. In fact, the different Angle and Saxon dialects employed in England never thoroughly amalgamated, and there was always much irregularity and confusion in orthography and the use of inflexions, so that the accident of the language, in no stage of it, exhibits the precision and uniformity of that of the Icelandic or the Moso-Gothic.

§ 2 In giving a general sketch of the grammar of our ancient English speech, I shall not notice local or archaic peculiarities of form, and the statements I make may be considered as applicable to the Anglo-Saxon in the best period of its literature, and, with unimportant exceptions, true of all its distinguishable dialects.

In general, then, we may say that the article, noun, adjective, and pronoun were declinable, having different forms for the three genders, for four cases, and for the singular and plural numbers; besides which, the personal pronoun of the first and second persons had a dual, or form exclusively appropriated to the number two. This, in the first person, was *wit*, we two, in the second, *git*, you two. The possessive had also a dual. The adjective, as in the other Gothic languages, had two forms of inflexion, the one employed when the adjective was used without a determinative, the other when it was preceded by an article or a pronoun agreeing also with the noun. These forms are called, respectively, the indefinite and the definite. Thus, the adjective corresponding to *good*, used in the definite form singular, or with a determinative, makes the nominative masculine *gôða*, feminine *gôðe*, neuter *gôðe*, the genitive or possessive, *gôðan*, for all the genders. When used without a determinative, the nominative is *gôð*, for the three genders; the genitive or possessive, *gôðes*, for the masculine and neuter, and *gôðre* for the feminine. The adjective was also regularly compared much as in the modern English augmentative form, but not by *more* and *most*.

The verbs had four moods the indicative, subjunctive, imperative, and infinitive, and but two tenses, the present or indefinite, used also as a future, and the past. There were, however, compound tenses in the active voice, and a passive voice formed as in modern English by the aid of other verbs. In English the auxiliaries are generally used simply as indications of time, as, *he will sing*, which is merely a future of the verb to sing, like the Latin *cantabit*; *he had sung*, the Latin *cantaverat*. In Saxon, on the other hand, the auxiliary usually retained its independent meaning, and was more rarely employed as a mere determinative. Thus *willan*, corresponding to our *will*, when used with an infinitive, did not form a future, but always expressed a purpose, as indeed it still often does.

and, with the remarkable exception of the verb *be on*, to be, which is generally future, the Saxon had absolutely no method of expressing the future by any form or combination of verbs, so that the context alone determined the time.

While, then, the English article has but one form for all cases, genders, and numbers, the Saxon had *ten*. Our noun has two forms, one for the nominative and objective, one for the possessive and plural, or, in the few nouns with the strong plural inflexion, four, as *man*, *man's*, *men*, *men's*; generally the Saxon had five or six. The modern adjective has one termination in the positive degree, the Saxon *ten*, the English regular or weak verb, as to *love*, seven endings; the corresponding Saxon, *thirteen*, even without counting the inflected cases of the participles. From all this, it will be obvious that the Anglo-Saxon could indicate by inflexions many relations and conditions of words which we can express only by particles; and that consequently it was more independent of fixed laws of position, and less encumbered by determinatives, than modern English. By way of illustration of the force and beauty which the Anglo-Saxon element confers upon English, I compared the conclusion of the parable of the men who built their houses respectively upon sand and upon rock, in the versions of St. Matthew and St. Luke, as rendered by the authorized English translation. It will be interesting to analyze St. Matthew's account of the same catastrophe in the Anglo-Saxon, in Wycliffe's translation, of about 1380, in Tyndale's, of 1526, and King James's, of 1611.* The Anglo-Saxon, translated word for word into our present English, would read thus: "Then rained it, and there came flood, and blew winds, and rushed on that house, and the [or that] house fell, and its fall was great."

Here it will be observed that the verbs *rained*, *came*, and *blewe*, all precede their nominatives, and it may be added that *blew* and *rushed* both have a distinct plural form, *blew on* and *ah ruron*.

§ 3. In Wycliffe's time, although the plural form of the verb was still retained, yet the general loss of the inflexions of the noun had compelled the introduction of a positional syntax, and he writes, in the modern order of arrangement: "And rayn came down, and floodis camen, and wyndis blew", and thei hurhiden in to that hous; and it felle down, and the fallyng down therof was grete"

Before Tyndale, 1526, the plural form of the verb in *n*, had become obsolete. We read, accordingly, in his version: "And abunlaunce of-rayne descended, and the fluiddes came, and the wyndes

* The texts of the Greek, Mæso-Gothic, Anglo-Saxon, and modern English versions of the passage under consideration, are given in Notes and Illustrations, p. 119.

blewe and beet vpon that housse, and it fell, and great was the fall of it."

Between the Anglo-Saxon and the English of Wycliffe, the most important grammatical difference is the greater freedom of arrangement in the Anglo-Saxon verbs, which in this passage, in three instances, precede the nominative; whereas in Wycliffe the verb uniformly follows its subject, as in the modern dialect. In the century and a half which intervened between Wycliffe and Tyndale, not only had the verbs dropped the plural ending, but the definite article had become common. In Saxon, we cannot deny that the definite article existed, but it always partook very strongly of its original character of a demonstrative pronoun, and perhaps it should be rather regarded as such in the one instance where I have represented it by *the*, "and *the* house fell." In Wycliffe, *rayn*, *floodis*, and *wyndis* are all without the article, "*rayn* came down, and *floodis* camen, and *wyndis* blewen," and it is employed only before *fallyng*, "and *the fallyng* down therof," but in Tyndale's time the noun had ceased to be used thus indefinitely, and *fluddes*, *wyndes*, and *fall* are all preceded by the article *the*. The translators of 1611, with excellent judgment, adopted Tyndale's version word for word, with no change except to say simply "the raine," for "abundaunce of rayne," which Tyndale had used. And here I cannot but pause to notice a remarkable felicity of expression in this translation, in the employment of an inversion of the regular order of words in the last clause of the verse. The fact of the *fall* of the house had been already announced, and made additionally striking by an enumeration of the circumstances which had preceded and caused it—the pouring of the rain, the rushing of the flood, the blast of the tempest. The immediate introduction of the noun *fall* would have added nothing to the effect of what had gone before. To heighten and intensify the impression, therefore, the translator skilfully inverts the phrase, begins the concluding clause with the adjective—"and it fell, and *great* was the fall of it,"—and thus produces a climax superior in force even to the original Greek text.

§. 4. When, as a natural result of Latin and Norman influence, the operation of such causes as I described in the last lecture had stripped the Anglo-Saxon of most of its inflexions, and introduced a large number of Romance words and grammatical forms, the first effort of the newly-framed speech was to develope a new set of inflexions; and if English had existed as an unwritten tongue for a sufficient time after the coalescence of the two elements into one language, it is probable that it would have acquired as complete a system of declension and conjugation, and consequently a syntax as free from restraints of position, as either of its constituent tongues. The Saxon nouns had several modes of forming the plural, according

to gender and declension. One of these declensions only made the nominative plural in *s*. - This agreed with the Norman grammar, which, in most cases, like the modern French, used *s* or *z* (and in a few cases *x*), as the sign of the plural, and it was natural that this coincidence should have been seized upon and adopted as a general rule for the construction of all plurals. True, some plurals formed by letter-change, or in *n*, remained, but most Saxon nouns dropped the regular inflexion, and from the very commencement of the English language took a plural in *s*. This is abundantly shown by Layamon and the 'Ormulum,'—the former using this plural (especially in the later text) very frequently, the latter employing it almost exclusively.

The Saxon nouns had three genders, and the masculine and feminine were very often applied to objects incapable of sex. The Norman had but two genders, the neuter not being recognized in its grammar. When the two languages coalesced, a compromise was effected by employing the masculine and feminine as indications, not of grammatical gender, or termination, but of sex, and confining the neuter to objects without sex. This, of course, led to the rejection of those Anglo-Saxon endings of the article, the noun and the adjective, which had indicated grammatical gender: and as the Saxon inflexions for case depended more or less upon the gender, they naturally were dropped also when grammatical gender was discarded. Nothing then was left for distinction but the numbers, singular and plural. Although one declension of the Saxon nouns made the plural in *s*, and thereby the general adoption of *s* as a sign for the plural of nouns was facilitated, yet no plural form of the Saxon adjective employed that sign. The termination in *e* was the general nominative plural ending of all adjectives in the indefinite form, and this continued to be used in English to designate that number for some centuries, though not with strict uniformity. Indeed, when the adjective was employed as a noun, it sometimes made the plural in *e*, even down to the end of the sixteenth century.* The *e*, as a sign of number, was finally dropped soon after that period, and adjectives have since been indeclinable.

§ 5. The verb, which, to the distinctions of number and person, in most languages adds those of time and other conditions, is always subject to a greater number of inflexional changes than any other part of speech. The conjugations of the Saxon and the Norman verb had scarcely any point of resemblance except the employment of compound tenses, and the consequence naturally was, that the characteristic endings of both were principally rejected, and the radical of the verb left almost uninflected, and dependent on auxi-

* See Lecture XIV. p. 211.

liaries for the expression of the various modifications of its radical meaning. In its selection of auxiliaries, it conformed partly to Romance, partly to Gothic models, and it must be admitted that, with respect to the future tense, the English syntax is an improvement upon the Saxon. *Shall* and *will*, it is true, existed in that language, but not as true auxiliaries, and the use of them as signs of the future, if not directly borrowed from the Old Northern, at least belongs to the Scandinavian, not the Teutonic side of Anglo-Saxon.

§ 6. One of the most curious facts in the history of the English verb is the tendency which existed in the thirteenth and fourteenth centuries to the formation of new regular inflexions, by the coalescence or agglutination of verbs and pronouns. This was indeed, perhaps, in some sort, a dialectic peculiarity, but cases occur in too wide a range of writers to allow us to consider it as by any means altogether local in its character. It seems to have begun with the interrogative, where the pronoun, following the verb, would most easily unite with it; but the agglutinate form is often used in affirmative periods. The coalescence of the pronoun of the second person and the verb is most frequent, but examples of a like process in the other persons are not wanting. Thus in the fable of Dame Siriz, in Wright's 'Analecta Laterana,' there are several instances of the use of *willi* and *woldi*, for I will and I would, in the ancient Interlocutory Poem in the first volume of the 'Reliquiæ Antiquæ,' we find *lepi*, *hawy*, *cani*, for I keep, I have, I can, in the 'Thrush and the Nightingale,' in the same volume, *nerechi*, for I do not reck or care; *forbeddi*, for I forbid. The coalescence of the second person with the verb is extremely common, and there are few English writers of the fourteenth century who do not furnish exemplifications of it. Robert of Gloucester has *þenkestow*, *misdoستow*, for thinkest thou, misdoest thou, 'Dame Siriz,' *troustu*, for trowest thou, the 'Seven Sages,' *woltu*, for thou wilt; the ancient Interlocutory Poem above referred to, a like form, *with the pronoun*, *thu canstu*; and 'Piers Ploughman,' among numerous other cases, the negative inflexion, *why nadistow*, *why hadst-thou-not* *

* Similar combinations are found in German, even as late as the time of Luther. Thus, in *Warnunge D M Luther an seine lieben Deutschen*, Wittenberg, 1531, *wiltu* occurs at F. III, and *mustu* at f. b. In the much older *Orendel und Brude*, Zurich, 1858, we find instances of the coalescence of all the three persons with the verb: *woldich*, p. 17; *mahtu*, 6; *vasthi*, *woldhi*, 1; *kondhi*, 9.

In the famous *Abrenuntio Diaboli*, of the eighth century, Wright (*Boy Brinn. Lit.* : 310) prints *forsachistu*, *gelobistu*, but other critics separate the pronoun from the verb. There are many instances of like combinations in Old Icelandic, and among others may be mentioned the construction of a negative form of the verb by affixing the particle, *a*, *at*, *ap*,

§ 7. In the carelessness of pronunciation which usually marks hasty and familiar speaking, the auxiliary *have* is indistinctly articulated. "I should have gone," is pronounced almost, "I should a gone," and by persons ignorant of reading and writing, altogether so. In Old English books, many instances occur where the compound tense is thus printed, as, for example, in Lord Berners' 'Froissart,' vol. 1. chap. 225, "a man coude not cast an appell among the, but it shuld a fallen on a bassenet or a helme," in Wychiffe's 'Apology for the Lollards,' page 1, "I knowleche to a felid and seid þus," in the 'Paston Letters,' 1. 22, "brybe's that wold a robbed a ship;" 'Paston Letters,' 1. 6, "a gret nowmbre come to Arfleet for to arescuyd it,"—in which last example the coalescence is complete.*

§ 8. A like tendency is discoverable in other classes of words, such as the formation of an objective of the definite article *the* by a coalescence with the prepositions *in*, *on*, and *at*; *ythe*, *ith* being often written for *in the*, *oth* for *on the*, *atte* for *at the*. There are also traces of a new form in the nouns. In Icelandic, Swedish, and Danish, the nouns have a definite declension formed by affixing the termination of the definite article according to case and gender. Thus, in Swedish, *konung* means king, *konungen*, *the king*, *konungens*, *the king's*; *hus* means house, *huset*, *the house*†. A somewhat similar contraction existed in Early English, in the case of nouns beginning with a vowel. *The empress* was written and spoken as one word, *thempress*, *the evangel* or *gospel*, *thevangel*; *the apostle*, *thapostle*, *the ancre* (anchor), *thancre*. There are even faint and doubtful indications of a like inclination with regard to the article *an*, and the creation of an indefinite form of the noun by employing this article as a prefix: thus we find *a nedgetoole* for *an edge-tool*, a

or a ð, also of negative forms of the noun, adjective, pronoun, and adverb, by affixing the syllables *g*1 or *k*1.

* These forms occur even in the *Life of Richard III.*, ascribed to More, as printed in Hardyng, p. 547, reprint of 1812 "Richard might (as the same went) *asaue* hymself if he would *afled* awae." But this passage is not in Rastell's edition of 1557, and More could hardly have adopted this colloquialism.

† The definite article is *den* for the masculine and feminine, *det* for the neuter. In the process of coalescence, the initial consonant *d* is dropped, and *konung den* becomes *konungen*, *hus det*, *huset*. This, at least, is the present grammatical resolution of the compound. Historically, however, *konungen* is the Icelandic *konúgrinn*, a definite formed by the coalescence of the noun *konúgr*, and the definite pronominal article *hinn* (for which latter word the modern Swedish substitutes *den*), and so of other nouns which have been traditionally handed down from the Old-Northern period. In the definite form of new words, the analogy of the primitive language has been followed and the article returns the *d* only when it stands alone.

*nounpire** for an umpire, but these seem to be rather cases of orthographical confusion than really new combinations.

The effect of reducing a language to writing is to put a stop to the formation of inflexions. Inflexions doubtless often grow out of a hurried and indistinct pronunciation of familiar and frequently recurring combinations, but, when the words are written, the mind is constantly brought back to the radical forms, and the tendency to coalescence thus arrested, and indeed the effect of writing does not stop here, but it leads to the resolution of compounds, not much altered in form, into their primitive elements

In listening to the conversation of uneducated persons, and even to the familiar colloquial speech of the better instructed, we observe a strong inclination to the coalescence of words. Let a foreigner, who should be wholly ignorant of the grammatical structure of the European languages, but able to write down articulations, record the words of our ordinary conversation as he would hear them spoken. The result would be an approximation to an inflected language. He would agglutinate in writing the words which we agglutinate in speaking, and thus, in many cases, form a regular conjugation. Take, for example, the interrogative use of the verb *to have*; have I? have you? has he? The stranger would not suspect that each of these phrases was composed of two words, but would treat them as the first, second, and third persons of an interrogative form of the verb *to have*. His spelling would conform to the pronunciation, and he would write *harri*, *harye*, *hazzy*. Now those who first reduce a language to writing are much in the condition I have just supposed. They record what they hear; and had English long remained unwritten, the coalescences would have become established, and conjugations and declensions formed accordingly. The interrogative would have had its regular verbal inflexion, and a past infinitive, *agone*, *afallen*, would have grown out of the combination of the participle with the auxiliary, the latter becoming a syllabic augment †

This is precisely analogous to what actually did take place in most of the Romance dialects, because they were used colloquially for centuries before they were written, the Latin being the language of the government, of law, of literature, and of religion.

* The *n* in *nounpire* may be radical, for it has been ingeniously suggested that this obscure word is perhaps non *nair*, odd one, a third person called in to turn the scale between two disagreeing art-traders.

† In French, it was only the early reduction of the spoken tongue to writing which prevented the development of a regular negative verb and the definite noun. *N'avoir* would have become permanent *navoir*, and *l'homme*, *lomme*, in writing as well as in speech had French remained merely an oral dialect a few centuries longer.

§ 9. The two great elements of which English is composed had each its written dialect, and it would therefore have been quite natural that the new language should very early have become a written speech, if there had been an actual historical hiatus between Anglo-Saxon and Norman English. But the change from the one to the other was so gradual, that the spoken dialect always existed in a written form, orthographical mutations following closely upon orthoepical revolutions. Between Latin and the modern Romance tongues, on the other hand, there was an interval, and consequently these latter, as literary dialects, had a definite commencement, while English had none. Hence, English made little progress in new grammatical formations, and the predominance of Norman influence led to the rejection not only of Saxon endings, but of many other facilities of expression, the loss of which is a very serious evil to the English tongue. For instance, the Saxon had a negative form for all verbs beginning with a vowel, the aspirate *h*, or the semivowel *w*. This consisted in using the consonant *n*, the initial of the Saxon negative particle *ne*, as a prefix. The convenience of this form was strongly felt, and it was not abandoned in poetry for some centuries after English became a distinct language. Chaucer constantly says *I nam*, for *I am not*, *I nas*, for *I was not*, *he nould*, for *he would not*, *he nad*, for *he had not*, *I nill*, for *I will not*. The Wychcliffe versions often use the negative verb in the imperative, as in Judges xviii 9. "*Nyle ye be neghgent, nil ye ceese*" Sylvester at the end of the sixteenth century, occasionally employs this form as, for example, in this verse of his twenty-sixth sonnet :

"Who *nill* be subjects, shall be slaves, in fine."

We still retain the negative *nill* in the phrase, *will he, nill he*, whether he will or not, where *will* and *nill* are not auxiliaries, but independent verbs. Wesley attempted to revive *nill*, and wrote "Man *wills* something, because it is pleasing to nature, and he *nills* something, because it is painful to nature." The linguistic sense of the English people was at a low ebb in Wesley's time, and his use of *nill* found few if any imitators, but the fact that we still employ similar compounds in *none*, *neither*, *never*, which are simply *one*, *either*, *ever*, with the negative prefix *n*, shows that this form is not radically repugnant to the present genius of the language, and I see nothing very improbable in the recovery of the negative verb.

The Norman, though it had its coalescences, like the other Romance dialects, as for instance in the case of the future, was nevertheless averse to compounds, and as it became more and more an influential element in the organization of English, it not only checked further coalescence, but led to the resolution of some com-

pounds which had become established, and hence the new inflexions were soon abandoned.*

The only deliberate, organized experiment for the restoration of an obsolete English form, is that of the Society of Friends, who have long striven to reintroduce what they call the plain language, or the employment of the singular *thou*, and the corresponding verbal inflexion, in place of the plural *you*, in addressing a single person. It is not strange that a phraseology, which was adopted as the badge of a sect, should have failed to secure general acceptance, but the entire want of success in the attempt to establish it even among the Friends themselves, is a strong evidence of the rooted aversion of the English people and speech to much variety of inflexion. In the first fervour of religious party zeal, doubtless, educated Friends spoke more grammatically, but the second person of the verb does not appear ever to have been generally employed by their followers; and even the nominative of the pronoun of the second person was soon discarded, so that *will thee, has thee, does thee*, were substituted for *will thou, hast thou, dost thou*.

§ 10. That we shall recover many lost Saxon words there can be no doubt, and poetry will yet reanimate obsolete forms specially adapted to metrical convenience. New regular inflexions, however, are not to be expected, perhaps not even desired, and some grammarians even consider it probable that formal distinctions of case, number, and person will be rejected altogether, and all grammatical relations determined by auxiliaries, prepositions or other particles. That such has been the general tendency of English since the birth of its literature is quite certain, and the fact is too familiar to need to be established by proof, but one or two examples may be worth citing. The use of the possessive pronouns, and of the inflected possessive case of nouns and pronouns, was, until a comparatively recent period, very much more extensive than at present, and they were employed in many cases where the preposition with the objective now takes their place. In modern English, the inflected

* Our English verb to *hunt* appears to be allied to a Mæso-Gothic word of nearly similar form, which has been conjectured to be cognate with *hand*, so that the primary signification of *hant* would be, to take with the hand, or catch. Some etymologists derive *hand* from *hant*, but it is quite as probable that *hunt* is derived from *hound*, which in Saxon was speak, not with or, but simply. In that case, to *hunt* would be to chase with hounds, or dogs, or, as we sometimes now say, to *hound*, or to *dog*. At the period when there was a tendency to re-ov'e compounds this very obvious, and as I much incline to believe true etymology, struck the rude philologists of the time, and, accordingly, we find *hantman* written in Early English for *houndsman*, sometimes as one word, but not unfrequently as two, *hounds man*. See the *History of Henry II.* 'Thom's Early Prose Poets,' vol. 55, 65.

possessive of nouns expresses almost exclusively the notion of property or appurtenance. Hence, we say a *man's hat*, or a *man's hand*, but the *description of a man*, not a *man's description*. And, of course, we generally limit the application of this form to words which indicate objects capable of possessing or enjoying the right of property, in a word, to persons, or at least animated and conscious creatures, and we accordingly speak of a *woman's bonnet*, but not of a *house's roof*. In short, we now distinguish between the possessive and the genitive. This we must allow is a well-founded distinction, but it is of recent introduction; and indeed some modern writers are inclined to discard it, but thus far with few imitators. Clifford, who had been a follower of Wychiffe, and recanted, expresses his repentance in his will, before referred to, by styling himself "unworthie and Goddis traytor." So in the 'Paston Letters,' written in the fifteenth century, we find "the *King's rebels*," "the *King's traitors*," for rebels *against* the king, traitors *to* the king, and in Froissart, "*his rebels*." These expressions strike us oddly, but in reality they are not a whit more incongruous than the phrases, *the king's enemies*, *our enemies*, which have, singularly enough, remained current in English, and indeed in most European languages, but which will perhaps become as obsolete as the *king's traitors*. We may consistently say the *king's friends*, because we feel that men have certain rights, or at least interests, in their friends and in the sentiments which constitute friendship, but the *king's enemies* is no way grammatically distinguishable from the *king's rebels*. Few instances now remain of this repugnant use of the possessive, but its limitation to *persons* did not originate till long after the date of the authorities I have cited. Lodge, who translated the works of L. Annæus Seneca, near the beginning of the seventeenth century, says, in the preface to the second edition of that work "Reader, I here once more present thee Senecaes translation." In this case Seneca is to be considered the name, not of a person, but of his works collectively. This construction is frequent in Shakespeare, and Fuller in the 'Infant's Advocate,' printed in 1653, has this passage: "If we cannot perceive the manner of *sins poison*, no wonder if we cannot conceive the method of *graces antidote*, in Infants souls." Similar examples might be multiplied ad infinitum.*

In like manner, what is now a possessive pronoun was anciently but improperly used also as a genitive of the personal pronoun. In

* Notwithstanding this free use of the inflected possessive by old writers, we sometimes meet in them a long succession of the prepositional construction, as in this passage from the 'Life of Beza' in *Abel Redivivus*, p 471. "for he onely entred into a consideration of the truth of the doctrines of the Church of Rome," &c.

the Wychffite version of Genesis ix. 2, we read. "And youre feer, and youre tremblyng be upon alle the beestis of erthe," where the modern version rightly has, "and the fear of *you* and the dread of *you*" The possessives of the third person *his* and *their* were employed in this way much later than those of the first and second person, and even in recent times many instances can be found where these pronouns take a relative after them, as "*their* life who violate the principles of morality," for "*the* life of *those* who" *

At present, the use of *whose*, the possessive of *who*, is pretty generally confined to persons, or things personified, and we should scruple to say, "I passed a house whose windows were open" This is a modern, and indeed by no means yet fully established, distinction. In Anglo-Saxon, the form *hwæs*, whence our *whose*, was the genitive of all the genders of the pronoun *hwa*, and *whose* was universally employed as a neuter by the best English writers until a recent period, as, in certain combinations, it still is by very good authorities. The origin of this distinction is to be found in a fact to which I have before alluded, namely, the change in the office of genders in grammar. In Anglo-Saxon, grammatical gender was independent of sex. So long as the masculine, feminine, and neuter were indiscriminately applied to objects incapable of the distinction of sex, there was no very strong sense of a want of one possessive form for masculine and feminine, or, in other words, *personal* objects, and another for neuter, or inanimate, *impersonal* things, but as this distinction became better and better established, and *who* was appropriated to *persons*, which to *things*,† the use of one possessive form for both was more and more felt to be inconsistent, and the employment of the possessive of both nouns and pronouns was regulated accordingly.

§ 11 The necessity of a double form for the more precise expression of ideas which have become distinct, has led to the development of one of the few new inflexions which modern English has evolved. In Anglo-Saxon, the personal pronoun represented in English by *he*, *she*, *it*, made the genitive or possessive *his* for the masculine and neuter gender, *her* (*hire*) for the feminine, and so long as grammatical gender had not an invariable relation to sex, the employment of a common form for the masculine and neuter excited no feeling of incongruity. The change in the grammatical significance of gender suggested the same embarrassment with relation to

* See Notes and Illustrations (B), *On the use of the Pronouns in Old English*.

† The Anglo-Saxon relative and interrogative was *hwa*, masc. and fem. and *hwæt*, neut. It is true, *hwæt* was generally employed in reference to persons, but, at least in interrogations, *hwæt* was very often used, in the same way, as *hwæt* is *hes Mannes Sunu*, *Who is this Son of Man?*

the universal application of *his* as of *whose*, and when this was brought into distinct consciousness, a remedy was provided. At first, *it* was used as a possessive, without inflexion or a preposition, and several instances of this occur in Shakespeare, as also in Leviticus xxv. 5, of the Bible of 1611: "That which groweth of *it* own accord." * *Its*, although to be found in printed books of a somewhat

* ["This idiom was not unknown to our dramatists, though, like other provincial forms of speech, generally used by them when they affected a familiar or a bantering style

"Do child, go to *it* grandam child,
Give grandam kingdom, and *it* grandam will
Give it a plum, a cherry and a fig—
There's a good grandam!"—*King John*, II. 1

"Your knighthood itself shall come on its knees and shall be rejected, it shall be sued for its fees to execution, and not be redeemed, it shall cheat at the twelpenny ordinary, *it* knighthood for its diet all the term-time, and tell tales for it in the vacation to the hostess, or *it* knighthood shall do worse, take sanctuary in Cole Harbour and fast. It shall fright all *it* friends with borrowing letters, and when one of the fourscore hath lent *it* knighthood ten shillings, *it* knighthood shall go to the Cranes or the Bear at the Bridge foot and be drunk in fear,' &c.—*Ben Jonson*, 'The Silent Woman,' II. 3
Our editors, as might be expected, carefully insert the apostrophe—*it's*.

"In one case only is this idiom now admitted into our standard language our verbal substantives in *ing* are still often preceded by an uninflected substantive, or by the pronoun *it*.

"Though there be but one sun existing in the world, yet the idea of *it* being abstracted so that more substances might each agree with it, it is as much a sort, as if there were as many suns as there are stars."—*Locke*

"Our grammarians call the verbal substantive a participle when it is preceded by an uninflected substantive or pronoun, and Priestley translates the sentence, 'what is the meaning of the lady holding up her train,' into 'what is the meaning of the lady in holding up her train' But this is mistaken criticism. The second word is *always* a substantive, and the genitival relation exists whether the inflexion be expressed or not"—*DR GUEST*, in *Transactions of Philological Society*, vol. 1 pp. 281, 282

On the use of *it* as an Indeterminate Pronoun, see Notes and Illustrations (C)—*ED*]

The use of an uninflected form as a possessive, without the preposition of, was by no means confined to the pronoun *it*. In Robert of Gloucester, 93, we have

"Conan þe *quene* cosyn, he clepude out þo stille"

And again

"þe ich be kyng of Breteyne, þat was þin *enle* lond"

The first verse of Robert de Brunne's version of Langtoft runs thus —

"In Saint Bede bokes writen er stories olde"

And on page 13

"In Charlemagn courte, sire of Saint Dings"

In the older Wycliffite version of Genesis xxx. 10, we find. "Whom whanne Jacob hadde seen, and wiste þat his *unþel* dowghter," and xxx. 36. "and putte

earlier date, is not once used in that edition, *his* being in all cases but that just cited employed instead. The precise date and occasion of the first introduction of *its* is not ascertained, but it could not have been far from the year 1600.* I believe the earliest instances of the use of the neuter possessive yet observed are in Shakespeare, and other dramatists of that age. Most English writers continued for some time longer to employ *his* indiscriminately with reference to male persons or creatures, and to inanimate impersonal things. For a considerable period about the beginning of the seventeenth century, there was evidently a sense of incongruity in the application of *his* to objects incapable of the distinction of sex, and, at the same time, a reluctance to sanction the introduction of the new form *its* as a substitute. Accordingly, for the first half of that century, many of the best writers reject them both, and I think English folios can be found which do not contain a single example of either. Of *it*, *thereof*, and longer circumlocutions were preferred, or the very idea of the possessive relation was avoided altogether. Although Sir Thomas Browne, writing about 1660, sometimes has *its* five or six times on one page, yet few authors of an earlier date freely use this possessive, and I do not remember meeting it very frequently in any writer older than T. Heywood. Ben Jonson indeed employs *its* in his Works, but does not recognize it in his Grammar. It occurs rarely in Milton's prose, and not above three or four times in his poetry. Walton commonly employs *his* instead. Fuller has *its* in some of his works, in others he rejects it, and in the 'Pisgah Sight of Palestine,' printed in 1650, both forms are sometimes applied to a neuter noun in the course of a single sentence † Sir Thomas

a space of three daies weye betwix hem and his doohter husboord." These latter cases might, it is true, be considered compounds, like the Danish Farbror, Morbror (Fader-Broder, Moder-Broder), but this explanation will not apply to the earlier examples I have given, or to numerous instances of a later date. Thus in the *Pastor Letters*, l. 6 "for his souerayn lady sake," 118, "on Saint Simon day and Jude;" 122 "such as most have intrest in the Lord Wth his Goodes," 298 "my brother Possesent."

* In the *Fardoe Fucions*, 1555, p. 321, reprint of 1812, we have "a certayne seed which groweth there of the owne accorde," and in Holland's *Phry*, 124, "having fire of the owne before." These forms are by no means uncommon.

† "Many miles hence this river solitarily runs on as sensible of its sad fate suddenly to fall into the Dead Sea, at Achereth Pisgah, where all its comfort is to have the company of two other brooks" (book ii. 58).

"Whether from the violence of winds then blowing on its stream, and snatching it beyond his banks" (book ii. 59).

[In the following examples also quoted by Dr. Greville, *his* represents the genitive of it —

"This Apoplexy is, as I take it, a kind of lethargy—I have read the case of this child in Galen, it is a kind of stupor"—2 Pt. *Ham* II. 2.

Browne, on the other hand, rarely, if ever, employs *his* as a neuter, and I think that after the Restoration in 1660, scarcely any instances occur of the use of the old possessive for the newly-formed inflexion. It is somewhat singular that the neuter possessive did not appear till long after the grammatical change with respect to gender had taken place in literature, but the explanation is to be found partly in a repugnance to the introduction of new inflexions, and partly in the fact that the old application of genders was kept up in the spoken language long after it had become extinct in the written. Indeed, they are still applied to inanimate objects, in the same confused way, in some English provincial dialects; and, even apart from the poetical vocabulary, traces of the same practice exist among us to this day. The indiscriminate attribution of the three genders, as in Anglo-Saxon and German, or of the masculine and feminine, as in French and Italian, to inanimate objects, is philosophically a blemish, and practically a serious inconvenience, in those languages, and it is a great improvement in English that it has simplified its grammar, by rejecting so superfluous, unmeaning, and embarrassing a subtlety.

§ 12. A singular obsolete corruption in the syntax of our mother-tongue was revived not far from the period of the introduction of *its*, and it has been usually ascribed to a passion for generalizing the laws of language before its facts were well ascertained. Two centuries since it was common to write *John his stick*, *Mary her book*, and the like. Ben Jonson says, that "nouns in *z*, *s*, *sh*, *g*, and *ch*, make, in the possessive singular, *is*, in the plural, *es*;" "which distinction," continues he, "not observed, brought in the monstrous syntax of the pronoun *his* joining with a noun betokening a possessor, as, the *prince his house*"* The practice appears to have been founded on the

"If the salt have lost *his* savour, wherewith shall it be seasoned? It is neither fit for the land nor yet for the dunghill, but men cast it out"—*Luke* xiv. 35.

"Some affirm that every plant has *his* particular fly or caterpillar, which it breeds and feeds."—*Walton's Angler*, i 5

"This rule is not so general, but that it admitteth *his* exceptions."—*Carew's Transactions of Philological Society*, vol 1 p 280 —ED]

* Harvey, in 1580, in his reply to Immerito (Spenser), speaking of English orthography, says — "But see what absurdities thys yl fauoured Orthographie, or rather Pseudography, hath ingendered, and howe one errorr still breedeth and begetteth an other. Have wee not Mooneth, for Moonthe, sithence, for since; whilst, for whilste, phantasie, for phansie, euen for evn, duel, for dirle, *God hys wrathe*, for *Goddess wrath*, and a thousande of the same stampe, wherein the corrupte Orthography in the moste hath beene the sole, or principall cause of corrupte Prosodie in ouer many" Mulcaster, in 1582, remarks on this form "Neither do I see anie cause wher to use *his*, saving after words which end in *s*, as '*Socrates his* councill was this, *Platoes* that and *Aristolles* this."

grammatical theory that *s*, as a sign of the possessive case, was a contraction of the possessive pronoun *his*. But it is argued that those who introduced the innovation did not remember that *s* was the sign of the possessive in feminine as well as in masculine nouns, and in the plural number of the strong inflexion also, in neither of which cases could it have been originally a contraction of *his*. They should have further considered, it is added, that, upon this theory, the *s* final of the possessive pronouns *hers* and *theirs* must in like manner have been derived from *his*, which is a manifest absurdity, and that the *s* in *his* itself, which is evidently an inflected form of the nominative masculine personal pronoun *he*, could not be thus explained. As I have just remarked, *his* is the Anglo-Saxon possessive form of the pronoun for both the masculine and neuter genders, the feminine having anciently had the form *hire*, nearly corresponding to the modern *her*. It should be added that the *s* final is the earliest known sign of the possessive or genitive case in most of the languages of the Indo-European stock, and it may fairly be insisted, that, for the present, this is to be received as an ultimate grammatical fact, not at this time admitting of etymological explanation *

§ 13 There is a strikingly analogous fact in the modern history of the Gothic languages, which cannot be passed over. I refer to the nearly contemporaneous introduction of a precisely similar syntactical form in the Swedish, Danish and German, all of which in the sixteenth and seventeenth centuries very frequently employed the possessive pronoun, in the masculine and feminine genders, and both numbers, as the sign of the genitive case of the noun. In these dialects, there is the same discrepancy between the primitive form and the modern substitute, and even a greater difficulty in supposing the usual genitive sign to be derived from the possessive pronoun. This use of the pronoun is generally if not always confined to proper names, whereas in English it was applied also to common nouns, and in the former case it seems to have originated in the difficulty of declining foreign names with the native inflexion. A similar device was sometimes resorted to in the Latin of that day, in the syntax of modern proper names, and I think it probable that the Gothic languages borrowed it from this corrupt Latin form, for there is little reason to suppose that they could all have taken it from the syntax of the one among them which first introduced it.

If, however, further investigation shall show that it spontaneously originated in any two or more of them, the fact becomes very important, and it would be fair to regard it as an expression of the linguistic sense of the Gothic race entitled to no little weight as an

* See Notes and Illustrations (D), On the Origin of 's' as the sign of the Possessive Case in English.

evidence that, in spite of the difficulty of reconciling the forms, the real origin of the Gothic genitive or possessive inflexion is to be found in a coalescence of the noun and the possessive pronoun.*

§ 14. The rejection of inflexions, and especially the want of a passive voice, have compelled the use of some very complex and awkward expressions. The phrases *I am told*, *he had been gone half an hour*, strike foreigners as particularly monstrous. Such combinations as "*he was given a commission in a new regiment*" are employed by some of the best writers of the present day, as well as by those of an earlier period † I find, in a late discourse by an eminent divine, a recommendation to literary men to acquire some manual occupation "*which may be-fallen-back-upon in case of need*;" and Coleridge speaks of an impediment to "*men's turning their minds inwards upon themselves*." "*Such a thing has been-gone-through-with*," "*it ought to-be-taken-notice-of*," "*it ought not to-be-lost-sight-of*," are really compound, or rather agglutinate passives, and the number of such will probably rather increase than diminish. They make the language not less intelligible, but less artistic, less poetical, but not less practical, and they are therefore fully in accordance with those undefined tendencies which constitute the present drift of the English language.

* The grammar of the Mæso-Gothic presents a case of resemblance between the genitive of the personal pronouns, which serves as a possessive, and the genitive or possessive case of certain nouns and adjectives. The genitive singular of the personal pronoun is *masc. is, fem. izos, neut. is*. The genitive singular of a numerous class of masculine nouns ends in *is*, as *nom. wigs, gen. wigis*. The same case of many feminines ends in *jos* or *os*, as *nom. þiudangardi, gen. þiudangardjos*. Thus far, there is a certain likeness between the possessive of the pronoun and the possessive ending of the noun, but the coincidences are too few to authorize the supposition that the ending in question was formed by a coalescence of the noun and pronoun, for in most Mæso-Gothic nouns, the possessive form admits of no such explanation. Between the genitive of the adjective and the pronoun, the resemblance is much stronger. Take the indefinite form of the adjective *gods, good*.

	Masc.	Fem.	Neut.
Nom.	<i>gods,</i>	<i>goda</i>	<i>god, godata.</i>
Gen.	<i>godis</i>	<i>godaizos,</i>	<i>godis.</i>

So superlative *batists, best*

	Nom.		
	<i>batists,</i>	<i>batista,</i>	<i>batist.</i>
	<i>Gen. batistis,</i>	<i>batistaizos,</i>	<i>batistis.</i>

† Lord Berners, in his translation of Froissart, vol. 1 chap. 39, says: "*I was shewed the gleave*" Gibbon, vol. 1 chap. 7, observes of Maximin, "*he had been denied admittance*."

NOTES AND ILLUSTRATIONS

[A ANGLO-SAXON INFLEXIONS.

The following account of the Anglo-Saxon inflexions, which is taken from Rask's *Anglo-Saxon Grammar*, and the abridgment in *Vernon's Guide to the Anglo-Saxon Tongue*, will make the statements in the preceding lecture more intelligible.

Alphabet

The Alphabet is the same as the modern English, with the exception of the letters þ and ð, both of which answer to the English th, the þ having a hard sound, as in *thing*, and ð a soft sound, as in *this, thou, other*

Declension of Nouns

Nouns are divided into two Orders, the Weak and the Strong, the former having one Declension of three Classes for the three Genders, the latter two Declensions of three Classes each.

The Weak Order contains those ending in an essential vowel, viz., -e in the neuter, -a in the masculine, and -e in the feminine. The Strong Order comprises all ending in a consonant, together with some in an unessential -e or -u

Table of Inflexion of Nouns

WEAK ORDER.

I Declension.

	I Neut.	II Masc.	III Fem.
	Singular		
Nom.	-e	-a	-e
Acc.	-e	-an	-an
Abl. & Dat.	-an	-an	-an
Gen.	-an	-an	-an

Plural

Nom. & Acc.	-an
Abl. & Dat.	-um
Gen.	-ena

STRONG ORDER.

II Declension

	I Neut.	II Masc.	III Fem.
	Singular		
Nom.	—	-(e)	—
Acc.	—	-(e)	-e
Abl. & D	-e	-e	-e
Gen.	-e	-es	-e

Plural

N & A.	—	-as	-as
Abl. & D	-um	-um	-um
Gen.	-a	-a	-a (-ena)

III Declension.

	I Neut.	II Masc.	III Fem.
	Singular.		
	-(e)	-u	-u
	-(e)	-u	-e
	-e	-a	-e
	-es	-a	-e

Plural.

	-e	-a	-a
	-um	-um	-um
	-a	-a	-a (-ena)

WEAK NOUNS

I. Declension.

Examples—*eáge eye, steorra star, tungé tongue.*

	Class I.	Class II.	Class III.
	<i>Singular</i>		
	Neuter	Masculine.	Feminine
Nom	eág-e	steorr-a	tung-e
Acc	eág-e	steorr-an	tung-an
Abl. & Dat.	eág-an	steorr-an	tung-an
Gen.	eág-an	steorr-an	tung-an
	<i>Plural</i>		
N & Acc	eág-an	steorr-an	tung-an
Abl. & Dat.	eág-um	steorr-um	tung-um
Gen.	eág-ena	steorr-ena	tung-ena

STRONG NOUNS

II Declension.

Examples—*word word, dæł part, deal, ende end, spræc speech.*

	Class I	Class II.	Class III	
		<i>Singular</i>		
	Neuter	Masculine.		
		Feminine.		
Nom.	word	dæł	end-e	spræc
Acc	word	dæł	end-e	spræc-e
Abl. & Dat.	word-e	dæł-e	end-e	spræc-e
Gen.	word-es	dæł-es	-end-es	spræc-e
		<i>Plural</i>		
N & A	word	dæł-as	end-as	spræc-a
Abl. & Dat	word-um	dæł-um	end-um	spræc-um
Gen.	word-	dæł-a	end-a	spræc-a (-éna.

III Declension.

Examples—*treow tree, sunu son, denu tale.*

	Class I	Class II.	Class III
	<i>Singular.</i>		
	Neuter	Masculine.	Feminine
Nom	treow	sun-u	den-u
Acc	treow	sun-u	den-e
Abl. & Dat.	treow-e	sun-a	den-e
Gen	treow-es	sun-a	den-e
	<i>Plural.</i>		
N. & A	treow-u	sun-a	den-a
Abl. & Dat	treow-um	sun-um	den-um
Gen.	treow-a	sun-a	den-a (-ena,

To this declension belong the following irregular nouns —

Singular		
	Brother	Man.
N & A	brōðer	man
Abl & Dat.	brēðer	men
Gen.	brōðer	mann-es
Plural		
N & A.	brōðra-a (u)	menn
bl. & Dat.	brōðrum	mann-um
Gen	brōðra	mann-a

Like brōðer are declined moðer *mother*, dōhter *daughter*, making mēðer, dēhter like man are declined fēt *foot*, tēð *tooth*, making fēt, tēð

Declension of Adjectives

Adjectives have an Indefinite and a Definite Inflection. The latter is used when the adjective is preceded by the definite article, or the demonstrative or possessive pronouns the former in all other instances.

I Indefinite Declension

Example—gōd *good*

Singular.			
	Neut.	Masc.	Fem.
Nom.	gōd	gōd	gōd
Acc.	gōd	gōd-ne	gōd-e
	Abl.	gōd-e	gōd-e
	Dat.	gōd-um	gōd-re
	Gen.	gōd-es	gōd-re
Plural.			
	Neut.	Masc. & Fem.	
N & A	gōd (-a)	gōd-e	
Abl & D		gōd-um	
Gen.		gōd-ra	

II Definite Declension

Singular.			
	Neut.	Masc.	Fem.
Nom.	gōd-e	gōd-a	gōd-e
Acc.	gōd-e	gōd-an	gōd-an
Abl.	}	gōd-an	
Dat.			
& Gen.			
Plural			
N. & A.		gōd-an	
Abl. & Dat.		gōd-um	
Gen.		gōd-ena	

TABLE OF COMPARISON.

Positive.	Comparative.	Superlative.
<i>Adjective.</i>		
heard	{ (þæt heard-re- (the) hard-er	heard-ost
hard		hard-est
þæt heard-e		þæt heard-oste
the hard		the hard-est
<i>Adverb</i>		
heard-e	heard-or	heard-ost
hard-ly	hard-li-er	hard-li-est

Declension of Pronouns

I Personal Pronouns.

The personal Pronouns are ic *I*, þú *thou*, hit, he, heo *it*, he, she The first two are the only Anglo-Saxon words with a dual number

* Singular

N.	ic	þú
A	me	þe
Abl & D	me	þe
G	mín	þín

	Dual	Plural.	Dual	Plural.
N	wit	we	git	ge
A	unc	ús	inc	eów
Abl & D	unc	ús	inc	eów
G	uncer	úre	incer	eówer

Singular.

	Neut.	Masc.	Fem.
N	hit	he	heó
A.	hit	hine	hi
Abl & D	him		hire
G.	his		hire

Plural.

N & A.	hi
Abl & D.	him
G	hira

II Possessive Pronouns.

The Possessive Pronouns are formed from the genitives of the two first persons; as, mín *mine*, my; þín *thine*, thy; uncer, úre *our*; incer, eówer *your* like other Pronouns in general, they are declined as indefinite adjectives. Those in -er are usually contracted; as uncre, eówres, and the like

III. Demonstrative Pronouns.

The Demonstrative Pronouns are þæt, se, seó *that*, which is likewise the relative *which*, who, *that*, and the article *the*; and þis, þes, þeós *this*.

Examples.

Class I
Present.
ic luf-ige
I love
h̄f-r-e
hear
tell-e
tell

Class II
Imperfect.
luf-ode
lov-ed
h̄f-r-de
hear-d
teale-de
tol-d

Class III.
Part. part.
(ge-)luf-od.
lov-ed
(ge-)h̄f-r-ed
hear-d
(ge-)teal-d
told

INDICATIVE MODE.

Present.			
Sing	ic luf-ige bú luf-ast he luf-að	h̄f-r-e h̄f-r-st h̄f-r-að	tell-e tel-st tell-að
Plur	we, e, h̄l luf-iað luf-ige	h̄f-r-að h̄f-r-e	tell-e tell-e
Imperfect.			
Sing	ic luf-ode bú luf-odest he luf-ode	h̄f-r-de h̄f-r-dest h̄f-r-de	teal-de teal-dest teal-de
Pl	we, ge, h̄l luf-odon luf-ode	h̄f-r-don	teal-don

SUBJUNCTIVE MODE.

Present.			
Sing	luf-ige	h̄f-r-e	tell-e
Plur	luf-ion	h̄f-r-on	tell-on
Imperfect.			
Sing	luf-ode	h̄f-r-de	teal-de
Plur	luf-odon	h̄f-r-don	teal-don

IMPERATIVE MODE.

Sing	luf-a	h̄f-r	tel-e
Plur	{ luf-iað luf-ige	{ h̄f-r-að h̄f-r-e	{ tell-að tell-e

INFINITIVE MODE.

Pres	luf-ian	h̄f-r-an	tell-an
Gerund.	tó luf-igenne	—h̄f-r-enne	—tell-anne
Part. pres	luf-igende	h̄f-r-ende	tell-ende
Part. past	(ge-) luf-od	(ge-) h̄f-r-ed	(ge-) teal-d.

STRONG VERBS.

Table of Terminations

		1	2	3		1 2 3
Ind	Pres	S -e	-est	-eð	Subj	-e
		PL -að	-að	-að		-on
	Imp	S —	-e	—		-e
		PL -on	-on	-on		-on.
	Imperat	S —	Pl -að; Inf -an			
	Gerund	-enne, -anne,	Part Pr. -ende; Part Past. -en.			

SUBJUNCTIVE.

Pres	sī, (sif, seō)	Imperf.	wære
Plur.	sfn	Plur	wæron
Imper.	wes	Inf pres	wesan
Plur.	{ wesað	Ger.	tō wesanne
	{ wese	Part pres	wesende
		Part past (ge-)	wesen.

Beōn to be, defective, usually a future.

Indic. pres. 1.	beō	Subj. pres	beō
2	byst	Plur.	beōn
3	bifð	Imper.	beō
Plur {	beoð	Plur. {	beoð
	beō		beō
Inf. beōn.	Ger tō beōnne.	Part. pres	beōnde.

Weorðan to become, to be.

Indic. pres sing 1.	weorðe	Subj pres	weorðe, &c.
2.	wyrst	Imperf	wurde, &c.
3	wyrð	Imper.	weorð
Plur. {	weorðað	Plur {	weorðað
	weorðe		weorðe
Imperf. sing. 1.	wearð	Inf. pres	weorðan
2	wurde	Ger.	weorðanne
3	wearð	Part. pres.	weorðende
Plur.	wurdon	P. past (ge-)	worden.

Willan to will; and nyllan to will not.

Pres. 1.	wille	Pres. {	wille
2.	wilt		willon
3.	wile	Imperf {	wolde
Plur. {	willað		woldon
	wille		INDICATIVE.
Imperf.	wolde (-st)	Pres	willan
Plur.	woldon	P. pres.	willende

Pres. 1.	nelle	Pres	nelle(nylle)
2	nelt	Plur	nellon(nyllor;
3.	nele(nyle)	Imperf. {	nolde
Plur. {	nellað(nyllað)		noldon
	nelle	Imperf {	nelle
Imperf {	nolde(-st)		nellað, &c.
	noldon	Inf. n	nyllan

Gangan, gān to go, cōn to do, and būan to inhabit, cultivate.

INDICATIVE.

Pres. 1.	gange, gā	dō	būc
2	gast	dēst	byst
3.	gæð	dēð	bifð
Plur {	gāð	{	dōð
	gā		dō
Imperf.	geōng, eode	dyd.	būde

SUBJECTIVE.

Sing	gá	dó	bá
Plur	gán	dón	bán

IMPERATIVE.

Sing	gang, gá	dó
Plur	{ gád gá	{ dōð dó

INFINITIVE.

Pres.	gangan, gán	dón	báan
Ger.		to dōnne	
P. pres	gangende	dōnde	būende
P. past	gangen, gán	(ge-)dón	(ge-)bán.

As to the way in which the Anglo-Saxon inflexions were changed in Old English and finally dropped in modern English, the reader may consult with advantage Dr Guest's *History of English Rhythms*, vol. II. p. 105 seq. He observes — "The Anglo-Saxons had three vowel-endings, *a*, *e*, and *u*, to distinguish the cases of the noun, and the different conjugations of the verb. In the Old English all these vowel-endings

were represented by the final *e*, and the loss of the final *e* is the characteristic mark of our modern dialect. It is obvious that either of these changes must have brought with it a new language. The confusion of the vowels, or the loss of the final *e*, was a confounding of tense and person, of case and number, in short, of those grammatical forms to which language owes its precision and its clearness."—Ld.]

B. ON THE USE OF THE PRONOUNS IN OLD ENGLISH (See p. 277.)

In Anglo-Saxon, the possessive pronoun singular of the first person was *min*, of the second *þin*. The genitive plural of the personal pronoun was *ūre* in the first person, *eower* in the second, *hira*, *hiora*, or *heora*, in the third. The possessive pronouns plural of the first and second persons were formed by treating the genitive plural of the personal pronouns as a nominative, and declining it like an adjective pronoun. For the third person there was no possessive pronoun in either the singular or plural, but the *genitives*, *his* in the masculine and neuter singular, *hire* in the feminine singular, and *hira*, *hiora* or *heora* for all genders in the plural, were used instead of possessive pronouns. The similarity of form between the genitive plural of the first and second persons and the plural possessive pronoun for those persons naturally led to grammatical and logical confusion in the use of both, and the expressions I have quoted (p. 277,

from the Wycliffite versions, "your fear," &c., were as improper at that time, as they would be now, for the logical distinction between the two pronominal forms was at no period of the language quite lost sight of, though it was not always strictly observed.

In the transition from Anglo-Saxon to English, the genitive plural of the personal pronoun was dropped, and the objective, with a prepositional subjoined for it. This change was made before the time of Wycliffe, and the use of the possessive pronoun, instead of the genitive of the personal pronoun, was a violation of the idiom of the language. This is shown abundantly by the author of the Wycliffite translation themselves, for they very generally make the distinction, as, for example, in *Isaiah* viii. 13, where we read "curse ye is in the midst of them," in the older text, and "in the midst of them," in the later, and in *Exodus* xxxvi. 2, where the text has "in the midst of them," the other "in the midst of them;" and so in many other passages, where the translations agree with the authorized

version The vulgarity "in our midst," "in your midst," "in their midst," now unhappily very common, grows out of this confusion. The possessive pronoun cannot be properly applied, except as indicative of possession or appurtenance. The "midst" of a company or community of persons is not a thing belonging or appurtenant to the company, or to the individuals composing it. It is a mere term of *relation*, of an adverbial, not a substantive, character, and is an intensified form of expression for *among*. The phrase in question, therefore, is a gross solecism, and unsupported by the authority of pure idiomatic English writers. Shakespeare, 2 Pt *Henry VI* 11, 8, has "through the very midst of you;" and this is the constant form in the authorized translation of the Bible. In *Leviticus* xxvi 11, the Anglo-Saxon is *to-middes eowre* (eower), *to-middes* being a preposition governing the personal pronoun *eowre*. The English translations all give "among you." In *John* 1 26, where the Greek text is *μερος δε υμων*, the Anglo-Saxon is *to-middes eow*, the later Wycliffite version, "in the myddil of you," the older, "the myddil man of you."

Milton's "my midst of sorrow," *Samson Agonistes*, 1339, is a poetical transposition for "the midst of my sorrow," and has no bearing on the present question.

In the passages where the later translations use *among* us, you, them, whom, the Wycliffite versions almost uniformly employ, "in the myddil or myddis," and, of course, the exemplifications of this form are extremely numerous in those versions. In nine cases out of ten, certainly, the construction is, "in the myddil of us, you, them, or whom," but there are a few instances, as, for example, in *Exodus* xxiv 10, *Numbers* xiv 13, where "from or in whos myddil or myddis," is used in both texts, and in the older translation of Jerome's *Prologue to Romans*, we find, "for myche merciful is God, the whiche wolde bringe you to oure followinge." *Oure* is sometimes used in the same way elsewhere in Old English, as in 1 Cor 1 3, Wyc. Vers, older text. "alle that in clepyu the name of oure Lord Jhesu Crist in ech place of hem and oure," later text, "ech place of hem and of oure;" where, in the older text, *oure* is a genitive plural. So in the much

earlier *Legend of St Brandan*, Perc. Soc, p 5, *your* is made a genitive plural "ac *youre* an schal atta ende," and one of *you* shall at the end, &c.

With respect to these last examples, as already remarked, the employment of *our* and *your* in this construction was contrary to both principle and usage in the English of that period. The use of *whose*, or even of *their*, in phrases, would not have been so objectionable (though I have not found *their* so employed in Wycliffe), because there was no possessive pronoun for the *relative*, as we have seen there was not for the personal of the *third* person in Anglo-Saxon. In that language, *hwæs*, the genitive or possessive case of the relative, or rather, interrogative, *hwá*, *hwæt*, was used instead of a possessive pronoun for all genders and numbers. Where, therefore, the Anglo-Saxon did not distinguish the possessive case and the possessive pronoun, it was not strange that Early English should confound them. At present, however, the distinction is established, and it is a corruption of speech to disregard it.

[C "IT" AS AN INDETERMINATE PRONOUN. (See p 278.)

Dr Guest (*Trans Philol Soc*, vol 1 p 155 seq) makes some interesting remarks on the use of it as an indeterminate pronoun. The following examples are taken from a large number given by him, but the whole paper deserves the attention of the student. —

I — It often takes a plural signification

"The grones of Sir Gauan, hit dose my hert grille"

The Antur of Arther at the Transathelan, 49

"Take to you handfult of ashes of the furnace, and let Moyses sprinkle it toward the heaven," &c — *Ex* ix 8

II — It serves as subject to the verb, and refers to a plural or collective substantive.

"He was ware of Arcite and Palamon That foughten breme, as it were bolles two"

Chalceur, The Knights Tale.

"*T* is two or three, my lord, that
bring you word,
Macduff is fled to England."

Macb iv 1

III.—*It* is also used to represent any
one of the three persons or of the three
genders

"*T* is I, that made the widows"

Cor iv. 4

"Say not we brought it—
How was it we?"—*Cor* iv 6

"And heo *s*wor by hire Godes anon
in þe place

þat he ne *s*choide mid hire be, bute
if one were"—*R. Glor* 33

"I take it, she that carries up the
train

Is that same nob'e lady, Duchess of
Norfolk—

It is and all the rest are count-
esses"—*Henry VIII.* iv 1

IV.—When the sentence admits of
two nominatives, we now make *it* the
subject of the verb, but in Old English
it is the predicate

"*it* am I—

That loveth so hot Emelic the
bright

That I wold dien present in hire
sight."

CHAUCER, *Knights Tale*.—Ed.]

D THE ORIGIN OF *s* AS THE SIGN OF THE POSSESSIVE CASE IN ENGLISH (See p. 281)

Notwithstanding of the arguments in the
text, some able philologists are of opinion
that, however corresponding forms are
to be explained elsewhere, *s* as the sign
of the possessive in English nouns is
derived from, and truly represents, the
possessive pronoun *his*, and hence it is
important to examine the history of the
form in question.

The *s* or *'s* cannot be proved to repre-
sent, or stand for *his*, unless it can be
shown that *his* was employed as the
sign of the possessive case in English
before the use of the ending *s* or *'s*.
How far back then can we trace the
employment of *his* for that purpose?

It is stated by Leham that the ex-
pression "*for Jhesu Christes sake*" in
the statutes of the English Church, is
"*the first example of the general use*"

that the genitive characteristic *s* is a
contraction of the possessive pronoun
his. The meaning of the grammarians
is not clear, but if he intends to say, as
he seems to do, that this form of the
possessive is not older than that literature,
he is certainly in error, although indeed
the revived use of *'s* cannot be positively
traced to a much earlier period.

There is, so far as I am aware, no
evidence of the employment of the pos-
sessive pronoun as a possessive sign in
any stage of classical Anglo-Saxon. A
large proportion of the nouns in that lan-
guage, composing the second and third
declensions of Rask, the first of Klapro-
tein, made the genitive or possessive in *es*,
or sometimes *as*, and even *ys*, and in
the transition to English, *s* or *'s* became
the general possessive form for nouns
of all the declensions. In the oldest
manuscript of Lymanon—the last impor-
tant Anglo-Saxon, or rather Semi-Saxon
work, a manuscript of the early part of
the thirteenth century, and probably
nearby of the author's time—there are
two examples of the use of *his* as the
sign of the possessive of proper names.
In another text, written, as is supposed,
fifty years later, *his* is generally sub-
stituted for the *es* of the older man-
uscript, and is used in a few cases, even
with common nouns, but it is remark-
able, that in the two instances where
the older text has *his* (l. pp. 175,
279), the corresponding passages in the
later have the regular possessive in *es*.

In the *Ormulum*, which I think must
be regarded as English rather than
Semi-Saxon, and if so, then the earliest
specimen of English, the possessive of
nouns, as well as the plural number, is
formed by the addition of *s* (or rather,
in accordance with the peculiar ortho-
graphy of the author, of two *ss*), with-
out the apostrophe, and the pronoun
never supplies its place. In the pro-
clamation of Henry III. (1215), the
possessive is made in *s* or *es*. In Robert
of Gloucester, at least in Hearne's edi-
tion of 1724, the possessive is almost
invariably formed by the addition of *s*
or *es* to the radical, but there are a
very few cases where *ys* is used as the
possessive *ys*, and *ys* and *ys* are separated
from the noun. Thus, l. p. 64—

"þu hauest þu he was & slave 271.
He - is same was,

He - is same was & slave, as he was
I - is, and ys"

The pronoun *hys* is printed in this edition, indifferently, *his*, *hys*, and *ys*, and therefore in the example I have cited, *ys* may possibly be a pronoun, but the mere separation of this syllable from the root in the manuscript does not prove it to be so, for the participial and preterite augment *y*, as in *y slave*, *y cleped* in the above couplet, the prefix *bi*, as in *bi het*, *bi leue*, *bi com*, *bi gan*, the prefix *a* (Latin *ad*), as in *a cent* for ascent, and in a passage from a different manuscript, p 611, the plural sign *is* in *perys* *is*, are separated from the root

Mr. Marsh adds in his Appendix—Besides the example quoted from Robert of Gloucester, I find in that writer two other instances of the separation of the syllable *ys* from the root in the possessive case—

"The kyng tok *Brut ys owne* body, in ostage as it were"—P. 13

And after .

"*Brut ys owne* nome he clepede it Bretagne."—P. 22

In Gower, *Conf Am*, Pauli, in 356, is a passage where *his* may be a possessive sign—

"To holde love *his* covenant,"

but it is possible that *love* may here be used as a dative,—to hold to love his covenant, his requirement or stipulation

There are many similar cases in the continuation of Robert of Gloucester printed in the appendix to Hearne's edition, and written apparently about the middle of the fifteenth century Thus : "Sir John *is* tyme," p. 589, "In the V Kyng Henry *is* tyme," p. 593, "through God *is* grace," p. 595, and the use of the pronoun *his* as a possessive sign is frequent in Hardyng, who is supposed to have finished his Chronicle about 1465, though he most usually employs the regular possessive in *s* Thus, reprint of 1812, p. 156 : "In the year of Christ *his* incarnation" Page 226. "and putte hym whole in God *his* high merceye" And in the continuation of 1543, p. 436, "Kynge Henry the VI *hys* wife."

No example of this construction has been observed in *Piers Ploughman*, Gower, Chaucer, or the Wychlyffe versions, but three apparent instances occur in *Torrente of Portugal*, at verses 380, 1384, and 1902 : "the *deyille ys* hed,"

"but it be for *Jhesu is sake*," and "for *Jesu is love*" These, however, are inconclusive, for the same reason as those cited from Robert of Gloucester The ending in *ys* is often found about this period, in pronouns where it could not have been derived from *his* or *hys*, as in one of the *Paston Letters* (vol i 46), written in 1470, in which *hers* is spelt *hyrrys*, and *ours*, *howrys*, and the plural of nouns very often takes this ending The form "my Lord Bedford *ys* godes," in the *Paston Letters*, i 122, "to my Maistr *ys* place," i 198, are probably mere orthographical errors, as they are contrary to the almost uniform usage in that collection

In the *Morte d'Arthur*, first printed in 1485, tenth book, chapter thirty-fifth, I find this passage "Beware, Kynge Marke, and come not nyghe me, for wete thou well that I saued *Alysander his lyf*," and there is a more equivocal instance in the seventh chapter of the fourth book : "This lord of this castel *his* name is Sir Damas" In general, the possessive is formed in this work as in modern times, but always without the apostrophe

The earliest examples I have met with of the free and constant use of *his* as a possessive sign are in the continuation of Fabyan's Chronicle, commencing with the reign of Henry VIII and printed in 1542, pp 696, 699, 701, 702, and elsewhere, of Ellis's reprint, but it is remarkable that in the previous parts of that Chronicle this construction does not occur.

In the 'Confutacyon of Tyndale's Answer, made anno 1532, by Syr Thomas More,' p 343 of the edition of 1557, I find this passage. "him have they sette on saynt *Mathie hys* even by the name of Saynt Thomas the Martyr," and on p 591, "for conclusion of *David hys* dedes" It is possible that the form of the possessive may, in these instances, have been changed by the editor, so as to accord with the new usage, but, genuine, they date further back than the examples from Fabyan's Chronicle

An instance of the use of the plural possessive pronoun as the sign of the possessive case of the noun occurs in a letter written in 1528, and printed at page 44 of the Introduction to Bagster's *English Hexapla*. "I did promys him X L sterlyn to prae for my father & mother *ther* sowles, and al cristen

owles" This example, indeed, proves nothing directly with regard to the origin of the possessive sign *s*, but this instance and those cited from Layamon, the *Morte d'Arthur*, Fabyan, and More, show that the possessive pronoun was, to some extent, regarded as the grammatical equivalent of the possessive sign, before the date of the English Liturgy.

Doubtless the number of such examples might be increased by further research, but they are too few and too much at variance with the almost universal usage of the language before the sixteenth century, and its known historical etymology, to serve as a foundation for a grammatical theory. If they are anything more than accidental departures from the regular form, they, at most, only prove that particular English writers confounded the possessive pronoun with the possessive sign. Even this conclusion is rendered less probable by the fact that no instance of the corresponding use of *her*, or, with the single exception which I have cited from the letter of 1528, of *their*, is known to occur until about 1560. Palsgrave expressly says that the possessive is formed by adding *s* (or *is*) to the noun; and he does not himself in any case employ the pronoun for this purpose, nor does Gil, in his *Logonomia*, notice any but the inflected possessive. The apostrophe before the *s* in Robert of Gloucester was probably introduced to make the distinction between the possessive singular and the plural number, a device which, when

the new plural form in *s* was hardly yet colloquially established, might be a convenience, if not a necessity.

Upon the whole, then, I think we are authorised to say that the theory which makes the possessive sign *s* a derivative or contraction of the possessive pronoun *his*, in English etymology, is without historical evidence or probable analogy to support it.

[There can be little doubt that *s* as the sign of the possessive is a corruption of the Anglo-Saxon termination *es* of the genitive case; but the other syntax appears to have arisen at a very early period. Dr Guest observes that "in the MS of Robert of Gloucester we have both forms, *Hengestes* and *Hengest ys*, and in some other MSS. of the fourteenth century, the latter of these forms seems to be used exclusively, as if the writer considered it to be the real representative of the genitive." He adds: "It may be well to notice, that the form which we are now discussing was just as common in the Dutch as in our own language. It survived indeed to so late a period, that modern Dutch grammarians sometimes think it necessary to warn the reader against such phrases as '*mijne moeder hare zuster*,' my mother her sister, '*mijn vader mijn broeder*,' my father his brother, &c."—*Transactions of Philological Society*, vol. i. p. 224.]

There are some valuable remarks upon this subject in a paper by the late Archdeacon Hare in the *Philological Museum*, vol. i. p. 669 seq.—Ed.]

LECTURE XIX.

THE ENGLISH LANGUAGE AS AFFECTED BY THE ART OF PRINTING

- § 1. Forms of books: origin of Latin and English words for "book." § 2 Difference between ancient and modern books § 3. Mode of reading among the ancients. § 4. Marks of punctuation. § 5. Influence of the art of printing upon writing. mechanical conditions. § 6. Alteration of spelling by the printers. § 7. Licenses of ancient copyists.

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§ 1. THE material conditions to which the art of book-making, in all its branches, is subject, have not only been powerfully instrumental in the modification of single words, and in determining those minor questions upon which the ready and commodious use of a written or printed volume depends, but they have exerted an important influence upon the more general forms of literature, and even upon the character and tendency of mental action. Let me illustrate by a comparison between the ancient and modern methods of recording the processes and results of human thought. The oldest manuscripts have scarcely a single point of resemblance to modern books. The Latin word *volūmen* (whence our *volume*), derived from the verb *volvo* I turn or roll, indicates the most usual form of the ancient book. It was a long, narrow roll of parchment or papyrus generally divided transversely into pages or columns, the words written closely together without any separation by spaces, without distinctive forms of letters, capitals being employed for all purposes alike, without marks of punctuation, without divisions of chapters, paragraphs or periods, and frequently made still more illegible by complicated and obscure abbreviations or contractions of whole syllables, or even words, into a single character. The modern book is an assemblage of leaves, of convenient form and dimensions, securely united at one edge, with pages regularly numbered, impressed with characters of different, but fixed forms, according to their several uses, words separated by spaces, members of the periods, and the periods themselves, distinguished by appropriate points, and the whole cut up into paragraphs, sections and chapters, according to the natural divisions of the subject, or the convenience of the writer, printer or reader, and, finally, abundantly provided with explanatory notes and references, and ample tables of contents and indexes.

An ancient scholar, on the other hand, would be hardly less puzzled, were he to be asked to read a composition, even of his own, divided and arranged according to the rules of modern typography. He would be distracted with the variety of characters, capitals, small letters, and italics, with the multiplicity of marks of punctuation, and the shattering of the periods into fragmentary members, perplexed with the often illogical divisions of the sentences and chapters, and embarrassed by the constant recurrence of references and annotations, all which would seem to him to serve little other purpose than to break the continuity of argument or narration, and to divert the attention of the reader from closely following the thoughts of his author. We may find an illustration of this in the unhappy dislocation and confusion of the narratives of the evangelists, by the division into chapter and verse, so injudiciously executed by Stephens, in the sixteenth century, and unwisely followed in all more recent translations. If we read the Gospels as they were written, each as a continuous whole, we gain a very different impression from that derived from perusing them as we habitually do, in fragmentary sections and periods, and in fact, the restoration of the ancient integrity of form is almost the only change which most scholars would willingly see made in our English New Testament.

Manuscript, indeed, even in our own language, can never be read in the thoughtless, half-mechanical way, in which we skim over the pages of a modern romance, or the columns of a newspaper, for the finest, clearest and most uniform chirography falls short of the regularity and easy legibility of typography, and the highest compliment we can pay a hand-writing is to say that it reads like print

§ 3. The Oriental nations, whose manuscripts resemble those of the ancients in wanting capitals, italics and punctuation, are leisurely readers, and as they follow the writing with the eye, they very frequently articulate the words, or at least move the lips, as we are apt to do in deciphering a difficult chirography. Indeed, such is the difficulty of reading manuscript so penned, that in cases where etiquette or other reasons require a written instead of a verbal message, the letter is sometimes accompanied by a reader to explain its purport to the recipient. A curious passage in the 'Confessions' of St. Augustine seems to imply that the ancients usually articulated the words in their private reading; for it is remarked as a noteworthy particular in the habits of St. Ambrose, that he read by the eye alone, when engaged in private study

"When Ambrose was reading," says Augustine, "his eye passed over the page, and his mind searched out the sense of his author, but his organs of speech were silent. We often saw him studying in this inaudible way, and never otherwise, and we supposed that he feared, that if he read aloud, he should be interrupted by those who heard

him with questions about the meaning of obscure passages; or, perhaps, the desire of sparing his voice, which was easily fatigued, was a still better reason for this silent study.*

But the ancient habits of thought were wholly irreconcilable with the incosecutive, discontinuous style of relation or discussion and expression so prevalent in our time. Sententious, indeed, and highly elliptical the classical writers often were, but the thoughts were nevertheless consequent, and logically connected, though some links of the chain might be left to the reader's sagacity to supply. Besides this, the fulness of the ancient inflexions was a sure guide through the intricacies of the most involved period, and hence the Greeks and Romans did not require those multiplied helps to easy reading which shallow thinking demands, and the habitual use of which so weakens the intelligence, that a constant craving for additional facilities is felt, and every year adds some new device for relieving the brain, at the expense of the eye-sight, in the mechanical arrangement of recorded words. That this ocular dissection, this material anatomy of language, has had an important influence on our modern European tongues, and on the current of the thoughts of which those languages are the vehicles, there is little doubt. It is true, that in the decline of ancient literature, the convenience of such devices, superfluous in more intellectual ages, began to be felt, especially in the reading of older authors, whose dialect was becoming more or less obsolete. The invention of many of them is due to the Alexandrian grammarians, a school of critics and commentators who occupied themselves much with the elucidation of the earlier Greek writers, and who are said to have introduced the Greek accents, and some other points, to facilitate the teaching of the language to foreigners, as well as the instruction of the young in reading. Their obvious adaptation to this purpose naturally secured them a ready reception in primary schools and higher seminaries, and in fact, as we learn from Dionysius of Halicarnassus, the difficulty of learning to read manuscript was so great, that it was necessary for the pupil to receive some grammatical instruction before taking reading lessons, obviously to enable him the more readily to separate an unbroken period into its component words. "We begin," says Dionysius (*De Admir. Vi Dic. in Demosthene*, 52), "by committing to memory the names of the elements of speech called letters.† After learning these names, we are taught

* *Conf. lib. vi. § 3*

† Athenæus, citing Callias (*x. 79*, p. 453), informs us that the names of the letters and even the spelling of syllables, were arranged metrically, doubtless as a help to the memory —

Τ' ἔλφα, βῆ-α, γάμμα, δελ-α, ζῆτα, θῆτα θεῶν γάρ' εἴη, &c.

Βι σκελ, *Chariotes*, ii. 33.

the *forms* and *powers* of the single letters, then their combination into syllables, and the conditions which affect syllables. Having mastered these elements, we learn the parts of speech, such as nouns, verbs, conjunctions and the like, and when we are able to distinguish these, *then* we begin to write and to read, pronouncing the words slowly at first, and syllable by syllable, until rendered familiar by practice."

§ 4. The introduction of marks of punctuation into Latin manuscript was specially favoured by the inflexible character of the Latin language, which inexorably demands a periodic structure, and, like a true pedagogue, pedantically insists that the reader shall parse every word, in order to master the sentence. Once employed, they become indispensable. Beginning with air-bladders, we never learn to swim without them. Every parenthesis must have its landmarks, every turn of phrase its finger-post. We think by commas, semicolons and periods, and the free movements of a Demosthenes or a Thucydides* are as unlike the measured, balanced tread of a modern orator or historical narrator, as the flight of an eagle to the lock-step of a prison convict, or to the march of a well-drilled soldier, who can plant his foot only at the tap of the drum. We are not content with a punctuation which marks the beginning and end of a period, separates its members, and distinguishes parenthetical qualifications. We require that it shall indicate the rhetorical character of the sentence. If it is vocative, ejaculatory, optative, interjectional, it must hoist an

* It is often impossible to resolve the language of Thucydides and of other early writers into what are technically called periods, and we frequently observe the absence of a periodic structure in the conversation, not merely of unschooled persons, but of all who habitually speak in an artificial style. I may illustrate the manner of Thucydides, certainly not with a view of ridiculing the diction of that immortal author, but in a way intelligible to persons not familiar with Greek, by an extract from a pugilistic challenge of about the year 1700, which I find in the *New York Tribune*, in a letter from a correspondent at Buffalo, dated October 16th, 1858. It is said to have been taken from a paper in possession of Mr. Placide, and if not genuine, it is at least *ben trovato*.

"I, FELIX MAGUIRE, first master of the fist in the Kingdom of Ireland, tutor to the noted Mr Holmes, who has fought the celebrated Mr. Figg this season with general applause, the last of which battles I was engaged with him myself, whereas I hit the said Mr. Figg on the belly and gave him other convincing proof of my judgment therein, on Wednesday, the 11th instant, when, contrary to all expectation, Mrs Stokes, styled the invincible, matenless, unconquerable city championess, took on her to condemn the method of Mr. Holmes' displaying his skill before a grand appearance assembled, which, with regret, I was obliged to hear, and in regard, that said gentleman wa. my pupil. I so far re-ent it that I hereby invite Mr. James Stokes, together with the said Elizabeth, his wife, at their own seat of valor, and at the time appointed, to face and fight me and a woman I have trained up to the science from her infancy, one of my own country, and who I doubt not will as far exceed Mrs Stokes as she is said to have done those she has hitherto been concerned with."

exclamation point as a signal. If it is hypothetical or interrogative, it must announce itself by a mark of interrogation; and the Spaniards carry the point so far that, in their typography, these signs precede, as well as follow the sentence.

There is a necessity, or at least an apology, for the use of punctuation in most modern languages, English especially, but which applies with less force to Greek and Latin. I refer to the otherwise inevitable obscurity of long sentences, in languages where the relations of the constituent words are not determined by inflexion, but almost wholly by position. The use of commas, semicolons and brackets, supplies the place of inflexions, and enables us to introduce, without danger of equivocation, qualifications, illustrations and parenthetical limitations, which, with our English syntax, would render a long period almost unintelligible, unless its members were divided by marks of punctuation. Without this auxiliary, we should be obliged to make our written style much more disjointed than it now is, the sentences would be cut up into a multitude of distinct propositions, and the leading thought consequently often separated from its incidents and its adjuncts. The practice of thus framing our written style cannot but materially influence our use of language as a medium of unspoken thought, and, of course, our habits of intellectual conception and ratiocination. It is an advantage of no mean importance to be able to grasp in one grammatical expression a general truth, with the necessary limitations, qualifications and conditions, which its practical application requires, and the habitual omission of which characterizes the shallow thinker; and hence the involution and concentration of thought and style, which punctuation facilitates, is valuable as an antidote to the many distracting influences of modern social life. On the other hand, the principles of punctuation are subtle, and an exact logical training is requisite for the just application of them. Naturally, then, mistakes in the use of points, as of all the elements of language, written and spoken, are frequent, so much so, in fact, that in the construction of private contracts, and even of statutes, judicial tribunals do not much regard punctuation; and some eminent jurists have thought that legislative enactments and public documents should be without it. As a guide to the intonation in reading aloud, in a language which has so few grammatical landmarks as English, it is invaluable, for it is as true in our days as it was in Chaucer's, that—

"A reader that pointeth ill
A good sentence may oft spill."

§ 5 The art of printing has its special conditions and limitations, which have affected language in a variety of ways. Every person who writes for publication finds that the form and arrangement of

his matter must often be controlled by what are called "printers' reasons;" and similar considerations of mechanical necessity, convenience, routine or prejudice, exert a still more important influence on questions of punctuation, orthography, and even expression. The matter of the writer, or "copy," as it is technically called, must be accommodated to the space to be filled, and abridged or extended accordingly. If you volunteer to enlighten your fellow-citizens through the pages of a daily newspaper, you may be told that but half a column can be spared for your article, and you must consent to cut down your lucubrations to that standard, or allow them to be printed in a crowded and microscopic type. If you are a regular contributor to a magazine you will often be called upon, quite mal-à-propos, to extemporize twenty lines of small pica, or to decide which stanza of your poem shall be omitted, that it may not overrun the page, and when you publish a book, you will be requested to confine your preliminary tête-à-tête with your reader to the exact limits of the printer's "form."

In the early history of printing, books sometimes underwent strange changes from analogous causes. Fonts of type were often so small that a large volume was necessarily distributed among several offices to be printed. It would in this case be impossible to determine precisely how many printed pages a given quantity of manuscript would fill, and of course the printer who took the latter portion of the copy, must labour under a good deal of uncertainty as to the paging and signatures of his sheets. Hence, there would sometimes occur a considerable break between the last page of the first part and the first page of the second, and this must either be left with an unseemly and suspicious blank or filled up with new or extraneous matter. Thus, in John Smith's 'Generall Historie of Virginia,' 1624, there occurred in this way a hiatus of ten pages, and the author partially fills it with complimentary verses addressed to him by several friends, making this apology for their introduction:—

"Now seeing there is this much Paper here to spare, that you should not be altogether cloyed with Prose, such Verses as my worthy Friends bestowed upon New England, I here present you, because with honestie I can neither reject nor omit their courtesies"

In like manner the editor of Fuller's 'Worthies,' published in 1662, excuses the irregularity of the paging by saying that "the discounting of sheets to expedite the work at several presses hath occasioned the often mistake of the folios," and in 'Abel Redivivus,' 1651, an erroneous computation, as to the space which manuscript would require, compelled the saving of ten folios unpagged between page 440 and page 441, from which point another press had undertaken the printing

It is however mainly in smaller matters, that the mechanical influence of the press is most conspicuous, if not most important. Not only what in the nomenclature of the art are called "forms," that is, the number of pages inclosed in a single frame and printed at one operation on one piece of paper, but the dimensions of the page, and, in printing prose, the length of the lines also, are inflexible, and our equally rigid characters cannot be crowded, superposed, or indefinitely extended by lengthening their horizontal lines,* as they are in Oriental books, to fit them to the breadth of the page, but if there is a deficiency or an excess of matter, something must be added or omitted. Modern ingenuity, it is true, has contrived methods of accommodation, or, to use a word characteristic of our times, a compromise, by which appearances may often be saved without a too palpable sacrifice of the author's, or rather printer's, principles of orthography and punctuation. But, at a somewhat earlier stage of the art, the convenience of the compositor overruled all things, and, in spite of the improvements to which I have just alluded, there are few writers who do not even now sometimes suffer from the despotism of that redoubtable official.

§ 6 At the period when our language was in a more flux and unsettled condition, and the press was a less flexible instrument, if the words of the manuscript did not correspond exactly to the length of a line, and the difficulty could not be remedied by the insertion or omission of printer's spaces, without leaving staring blanks or a crowded condition of the words at once distasteful to a typographical eye and perplexing to the reader, a comma might be dropped or introduced, a capital exchanged for a small letter, or vice versâ. So if the author used a word the spelling of which was not well settled (and all modern orthography was doubtful three hundred years ago), a letter or two might be added or omitted, to give it the proper length. This is the explanation of much of the irregular orthography which occurs in the older, and sometimes in more recent editions of printed books. The ingenuity of more modern printers, as I have already observed, has devised methods of removing or greatly lessening this embarrassment, chiefly by the dexterous use of spaces, and the convenience of spelling and punctuating according to a uniform standard so greatly overbalances the difficulty of accommodating the matter to the page, that authors now complain, not that the printer's orthography is too variable, but that it is tyrannically inflexible. Landor, in his second conversation between Johnson and Tooke, tells us that Hume's orthography was overruled by his printers. He wrote the

* In the *Manuale Jacquinto*, Florence, 1688, and in the curious, lying *fac-simile* of the *Jen's Anabeta*, Rome, 1738, the letters a, e, and n are elongated by a horizontal stroke at bottom, when necessary to fill a space.

preterites and past participles of the weak verbs with a *t* final, as Milton did, as, for example, *lookt* for *looked*, but in his printed works, the compositor and publisher would suffer no such departure from the established laws of the chapel. An eminent French philological writer, when accused of violating his own principles of orthography in one of his printed essays, thus replies —“It was not I that printed my essay, it was Mr Didot. Now Mr. Didot, I confess it with pain, is not of my opinion with regard to the spelling of certain plurals, and I cannot oblige him to print against his conscience and his habits. You know that every printing office has its rules, its fixed system, from which it will not consent to depart. For example, I think the present fashion of punctuation detestable, because the points are multiplied to a ridiculous excess. Well, I attempt to prove this by precept and example, and the very printers who publish my argument scatter points over it, as if they were shaken out of a pepper-box. It is their way. What would you have? They will print my *theory* only on condition that I will submit to their *practice*.”*

Habits of spelling soon become fixed. A bad speller cannot accurately copy a well-spelled manuscript, and if the apprentices in an office were not rigorously trained to an invariable system of spelling, the trouble they would occasion the proof-reader would be endless. Experience has shown that nothing is more difficult than to obtain an accurate reprint of an old edition, or the publishing of an old manuscript, with the original orthography; and this is one reason why so many of the most valuable sources of information respecting the early forms and history of our language have never been made accessible by the press, and why later editors have rendered so many sterling old authors wholly valueless for all philological purposes, by changing or disguising their meaning, in the foolish attempt to fit them to the taste of the vulgar reader by modernizing their spelling, and conforming their supposed erroneous grammar to the practice of the hour. A writer of the present day, who quotes a couplet of Chaucer, must expect that the printer will reform the orthography according to the latest edition of Webster, and if, in the indulgence of a passion for the archaic and the venerable, he venture to employ an old-fashioned form or an obsolescent word, the compositor, pitying his presumed ignorance or want of taste, will charitably amend the “copy,” by substituting a word of a more current coinage. If, as has happened to the writer, he jestingly apply to a youth the old Euphuistic appellation of a *juvenal*, the printer will change his antiquated substantive into the adjective *juvenile*, and if he sing of a “grisly ghost,” he may find his awe-inspiring, but somewhat

vague epithet, rendered more precisely descriptive by being printed with two z *

Eminent printers usually adopt some popular dictionary as standard, and they allow the writers for whom they print no deviation from this authoritative canon. The dictionaries selected are often works of no real philological merit. The aim of their authors has been, not to present the language as it is, as the conjoined influence of uncontrollable circumstances and learned labour has made it, but as, according to their crude notions, it ought to be. Every word-collector aspires to be a reformer, and the corrections of popular orthography are more frequently based on false analogies and mistaken etymologies or erroneous principles of phonology, than founded in sound philological scholarship. In language, form is indistinguishable from substance, or rather is substance. The dictionary maker and the printer, who lord it over the form of our words, control the grammar of our language, and the philosophy of its structure, they suggest wrong etymologies and thereby give a new shade of meaning to words; and in short exert over speech a sway, not less absolute or more conducive to the interests of good taste and truth in language, than that which the *modiste* possesses in the fashion of dress †

§ 7. It must be admitted that the licenses of which I complain are older than the art of printing. Professional scribes in ancient times and in the middle ages habitually conformed the manuscript they copied to the orthographical and grammatical standard of their own times, and they regularly changed every obsolete or obscure word or form of expression for something more agreeable to the taste, or less enigmatical to the intelligence of their contemporaries. They often corrected supposed errors in names, dates, facts, or if, instead of venturing upon absolute change, they more conscientiously inserted an explanatory gloss or conjectural emendation in the margin, a later copyist would incorporate the note or correction into the text. In manuscripts written in languages still spoken when a given copy ‡ was made, we can never expect a near conformity

* See two translations from Matthiæsen in the *Whig Review* for 1845.

† Carton, in the title-page to his edition of Higden, (I am obliged to quote from a modernized version,) says the *Chronicle* was "Imprinted by William Carton after having somewhat changed the rude and old English, that is to wit, certain words which in these days be neither used nor understood. And in another place. "And now at this time simply imprinted and set forth by me, William Carton, and a little embellished from the old making."

‡ The etymology of copy presents a striking instance of the extravagance into which antiquaries, whose study of language is confined to grammar and dictionaries, run when they seek the origin of words, not in their history as traced in actual literature, but in resemblances gathered from the most

to the words of the author, unless the writing is an original, or at least a contemporaneous transcript, and in the latter case, if the penman happened to be of a different province from that of the writer, dialectic differences are almost sure to occur. Thus, the oldest manuscripts of Petrarch and Dante, and other Italian writers, seldom fail to betray the birthplace of the copyist, by the shibboleth of his local dialect. In like manner, when we compare manuscripts of the same work copied in successive centuries, we can trace the changes of the language almost as distinctly as in different original compositions of the corresponding periods.*

We find an additional proof of the frequency and extent of the license indulged in by ancient copyists, in the comparison of the dialect of monumental inscriptions with that of literary works which have come down from the same periods. Our classical manuscripts, excepting those found at Herculaneum, and in a few instances in Egyptian mummy cases, are all comparatively modern. The forms of language in Greek and Latin inscriptions are generally much more archaic than in our copies of the works of contemporaneous writers. It is true, that something of the difference is to be ascribed to the influence of what is called the lapidary style, and its consecrated standards of orthography and expression. Inscriptions engraved on marble or on brass are necessarily brief, laconic, elliptical, and the rigidity of these materials produced on old monumental writings effects analogous, in some respects, to those of the mechanical conditions of printing upon modern literature. Other differences are accounted for by the ignorance of the stone-cutters ;

it stated in a well-known dictionary, that *copy* is from *cope*, in the sense of *likeness*. Under *cope* no such meaning is given, the nearest approach to it being, "to exchange or barter," but *cope* is said to be allied to the Arabic *kafai*, to be equal, to be like.

Cope in the sense of exchanging or buying, is neither more nor less than the Anglo-Saxon *ceapian*, to *chaffer*, bargain or trade, whence also our *chapman* and *cheap*. *Copy* is the Latin *copia*, signifying first, abundance, then facility or convenience, whence the phrase *copiam facere alicujus*, to furnish, grant, or communicate anything, from which latter form came the sense of "making a copy," as a mode of communicating a writing.

* The manuscripts of *Piers Ploughman* vary so widely, that Whitaker can explain the discrepancies only by the supposition of a *risacciaento* by the author himself, at a considerably later period, when his opinions had undergone important changes, but a comparison of Whitaker's and Wright's texts reveals so wide differences in grammar, vocabulary, and orthography, that it is quite unreasonable to refer the two recensions to one writer, and it is by no means improbable that both are very unlike the author's original.

It is supposed that the two manuscripts of Layamon, so admirably edited by Sir F. Madden, do not differ more than half a century in their ages, but the departures of the later from the earlier text are too great to be accounted for, except by imputing to the copyist very great license in transcription.

but after all, it is not probable that inscriptions commemorating the public acts of officers of high rank, or other important events, and of course executed under a responsible inspection, would differ very widely from the current grammatical forms or orthography of their time, and hence we must infer that copyists and editors have made considerable changes in the manuscripts they published. The professional scribes at Rome and Athens were often slaves, and, in the former city, no doubt generally much better educated than their masters. The booksellers kept numbers of such servile scribes, and many copies of a book were made at once, some one reading the manuscript aloud, and the penman writing it down.* Under such circumstances, independently of any deliberate purpose of modernizing or correcting the author, persons writing by the ear from dictation would inevitably reduce the work, whether old or new, to the standard orthography of the time, while they certainly might with quite as good right as editors in the nineteenth century mangle and disguise good old authors, for the purpose of making them more intelligible to a public which they suppose as ignorant as themselves.

From all these circumstances, it is evident that nothing can assure us of possessing the *ipsissima verba* of an old writer but a comparison with the original manuscript, or one which has passed the author's revision. Happily for the interests of literature, early English writers did not always trust their works to the tender mercies of the scribe with the superb indifference which Shakespeare is reported to have shown. Chaucer scrupulously revised the copies of his works, as appears from this address to his scribe:—

"Adam Scrivener, if ever it thee befall,
Boece or Troilus for to write new,
Under thy long locks thou maiest have the scall,
But after my making thou write more trew †
So oft a day I mote thy wrecche renew,
It to correct and eke to rul he and scape,
And all is thow the negligence and rape."

The author of the 'Ormulum,' one of the most interesting and valuable relics of our old literature, the original manuscript of which, written with a systematic uniformity of orthography very remarkable in the thirteenth century, is yet extant, gives this charge to the copyists who might attempt the multiplication of his work.—

* The reader will find in Goethe's *Nachgelassene Werke*, b. v. l. 2. 2. 2. an amusing and instructive article on this subject, entitled *Hier, Schreib und*

† On the work *De Arte Metrica*, in reference to poetry, see Boece and Libani.

“ & whase wilenn shall þiss boc
 Effit operr siþe writenn,
 Himm bidde ic þat het write riht,
 Swa summ þiss boc himm tæcheþþ,
 All þwerit ut afterr þatt itt iss
 Upþo þiss firrste bisne,
 Wiþþ all swille rime alls her iss sett,
 Wiþþ all se fele wordess,
 & tatt he loke wel þatt he
 An bocstaff write twiyyess,
 Eyywhæi þær itt upþo þiss boc
 Iss writenn o þatt wise
 Loke he well þatt het write swa,
 Forr he ne mayy noht elless
 Onn Enngliſsh writenn riht te word
 þatt wite he wel to soþe ” *

It is one of the most interesting questions in all literature how far the original text of Shakespeare has suffered from the license, the negligence, or the indolence of those who, with type and pen, have multiplied his works. The dispute is likely to be a long one, and if Collier's folio does not prove the existence of myriads of errors in the current editions, it at least shows an alarming boldness of commentators in the way of conjectural emendation.

* “ And whoso willeth this my book
 To write agann hereafter,
 Him bid I, that he write it right,
 So as this book him teacheth,
 Throughout according as it is
 In this the first example,
 With all such rhythm as here is set
 With words, eke, just so many,
 And let him look to it, that he
 Write twice each single letter,
 Wherever it, in this my book,
 In that wise is ywritten.
 Look he well that he write it so,
 For otherwise he may not
 In English write the words aright,
 That, wete he well, is soothfast.”

NOTES AND ILLUSTRATIONS.

OF THE WORDS MAKE, MAKER.
(See p 307)

Trench, *Select Glossary*, under *Make*,
Maker, states that these words, "as ap-
plied to the exercise of the poet's art,"
and "as equivalent to poet," are not
found in any book anterior to the revival
of the study of the Greek literature and
language in England. It will hardly be
said that the study of Greek was revived
in England before the Reformation, or,
in any event, in the fourteenth century.
In the lines quoted from Chaucer, in the
text, I think, *making* must be used in
this sense, as also by the same poet in
several other passages, as, for example,
in these verses from the conclusion of
the *Complaint of Mars and Venus*,
which are quoted for another purpose
on p. 359

"And eke to me it is a greet penaunce,
Sith rime in English hath soch scarcite,
To folow, word by word, the curloste
Of Graunson, flour of hem that make
in Fraunce."

There are several similar instances in
the *Legend of Good Women*. Thus

"Alas, that I ne had English rime, or
prose
Suffisant, this flour to praise aright,
But helpeth, ye that han conning and
might,
Ye lovers, that can make o' sen'e-
ment!"

The lines that follow these are entirely
decisive as to the meaning o' *make* in
this passage, if indeed these just quoted
leave any room for doubt.

Again -

"The man hath scerred you of his con-
ning,
And forthred well your law in his
makynge,
All be it that he can not wel end it."

So also,

"He shal never more agiten in this
wise,
But shal maken as ye woll devise,
Of women trewe in loving al hir life"

And,

"But now I charge thee, upon thy life,
That in thy legende thou make of this
wife,
Whan thou hast other smale ymade
before"

In Robert de Brunre's Prologue to
his *Chronicle*, Hearn's ed. p xcix
I find,

"I mad noght for no disoure,
Ne for no seggers, no harpoure," &c.,
and on p c

"pat may pou here in Sir Tristrem,
Ouer geestes it has be steem,
Ouer all pat is or was,
If men it sayd as made Thomas," &c ;

also on p. ci .

"For þis makynge I wille no made,
Bot gude prayere, when ye it rede"
In *Piers Ploughman*, *Vision*, verse
7470, we have -

"And thow mediest with makynge,
And myghtest go save thi Sauter,"
and in verse 7483,

"To soosen hym some tyme,
As I do whan I make."

Make occurs, in the same sense in
the *Confessio Amantis* o' Gower, *Paul's*
edition, vol. iii. 384 -

"My muse doth me for to wite
And saith, it shall be for my bette,
Fro this day forth to take reste,
That I no more of love make," &c

See also notes to vol. I. of *Dyer's* edi-
tion o' *Chelton*, p. 186, and *passim*
there cited.

LECTURE XX.

THE ENGLISH LANGUAGE AS AFFECTED BY THE ART OF PRINTING

§ 1. Early printing in England. § 2 Confusion of spelling. § 3 Printing and the Reformation § 4. Printing of classical works influence of Latin upon the English language. § 5 Freedom of the press § 6. Influence of printing upon the English language modified by the character and circumstances of the people. § 7 Influence of popular literature and the periodical press upon the language.

II.

§ 1 THERE are circumstances peculiar to the history of English literature, which have rendered the mechanical conditions and imperfections of the typographical art more powerfully influential upon the language itself, than was elsewhere, in general, the case. Caxton, the first English printer, was indeed both an Englishman by birth, and a man of scholarly attainments, but he acquired the art at Cologne, and it is probable, though not certain, that his first production, 'The Recuyell of the Historyes of Troye,' was printed either at Cologne or at Bruges. When he established his press at Westminster soon after the year 1470, he brought over workmen from the Continent, and, were stronger evidence wanting, the names of his successors, Lettou and Machlinia, Wynkyn de Worde, Pynson, Berthelette, Faques, Treveris, would sufficiently indicate that they also were of foreign birth. Indeed it appears from Strype's 'Memoirs of Granmer,'* that as late as 1537, the printers in England were generally "Dutchmen that could neither speak nor write true English," and when Grafton applied for an exclusive privilege for the translation of the Bible which goes by his name, he represented that "for covetousness' sake, these foreign printers would not employ learned Englishmen to oversee and correct their work," so that, as he complains, "paper, letter, ink, and correction would be all naught." Three years later Grafton asked permission to print the Bible at Paris, where he says that not only could he procure better and cheaper paper, but that the workmen were more skilful. Any one, who has had occasion to print so much as a familiar quotation in a

* See Southey's *Common Place Book*, vol. II.

foreign tongue, can judge whether a volume printed in a language unknown to the compositor would be likely to prove very correct. Besides this, it must be remembered that the art of calligraphy had been less cultivated in England than on the Continent, that the characters in common use differed somewhat from those employed in the other European languages, and that the contractions and abbreviations stood, of course, for different combinations of sounds or letters. An instance of this is the employment of þ and ð for the two sounds of *th*, in the Anglo-Saxon and Old-English alphabets, a trace of which long remained in the confounding of þ with y. In black-letter, the character *y* much resembles the þ, and hence *y* was often used instead of it, and this gave rise to the forms *ye* for *the*, and *yt* for *that*. Thus many circumstances combined to make an English manuscript extremely illegible to a printer unacquainted with the language.

While in almost every Continental country, the early printers were generally learned men, and sometimes among the most eminent scholars of their time, the followers of Caxton were for nearly two centuries principally mere handicraftsmen, and typography fell far short both of the dignity and the artistic perfection to which it elsewhere attained almost immediately after its invention. For all these reasons it is obvious that early English printed books must have been very unfaithful copies of the manuscripts they attempted to reproduce, and the great incorrectness of their execution had a prejudicial effect upon the forms of the language and sometimes on the meaning and use of important words. There is a large class of words of Latin and French origin belonging to the dialect of books, and at first, of course, used exclusively by literary men, who could not be ignorant of their etymology or true orthography, but which are found very vaguely spelled in the printed books of the sixteenth and seventeenth centuries. Thus, the printers did not discriminate between eminent and prominent, president and precedent, ingenious and ingenuous, and these words were used or rather printed interchangeably almost to the beginning of the eighteenth century. A passage in Fuller, however, clearly marks the distinction between ingenueness and ingenuity as then recognized and it is not probable that scholars could ever have been insensible to the differences between all of them*. They must first have been confounded by typographical

* "Though men understood perfectly in the life, yet of all understandings, the most is upon the supposition of equalness, and so to be ignorant that is, that they are not really equal, and so to suppose true and them, and so to be of the same, and so to be of the same, and so to be of the same." *See Deum Tier II, in treating of eponymical words* (St. J. of W. 12).

error. The confusion once introduced, educated men became involved in it, and it was long before the words and the ideas they expressed were disentangled from it

§ 2. Printed books, however incorrect, would, from their greater legibility, always be preferred to manuscript, and their wide circulation would make them at once popular standards of authority in all matters of orthography and grammatical inflexion. The confusion and irregularity of their spelling would accordingly powerfully tend to increase the uncertainty of orthography, especially at a period when the usage of the learned even was discordant, and the language still in process of formation. It is, no doubt, in these circumstances that we are to find the explanation of the otherwise paradoxical fact, that the spelling of the English language, as practised by educated persons in the fifteenth, and even the latter part of the fourteenth century, more nearly resembles that of the present day, than do the printed books of the sixteenth century. The foreign printers ignorantly corrupted the spelling of their copy, and their books again the orthography of the nation*. In carefully executed recent editions, printed directly from very early manuscripts, we find a surprisingly close resemblance to the spelling of modern periods. In the best manuscripts of Chaucer, and more especially of Gower, and in some of the 'Paston Letters,' as, for example, in a letter of Lord Hastyngs written before the year 1480, we find indeed obsolete words, but the orthography of those which are still employed conforms more closely to the present standard than does that of the English Bible of 1611.†

Lecture V.), mean to say that ingenious (Latin *ingeniosus*, proximately from *ingenium*), and ingenuous (Latin *ingenuus*, directly from the verbal root), were ever really the same word?

* "Et si, huic non absimile incommodum etiam accederet, ut prælo corrigendo non doctus præset sed aliquis de grege mercatorum qui Germanicè et Anglicè loqui posset, corrumpi necesse erat orthographiam nostram; et quia tempestiva medela adhibita non esset, in hominum usum corruptam transire. Atque hanc sane existimo unicam fuisse causam corruptelæ."

A. GR., *Logonomia Anglicæ*, 2nd edition, 1621
(Præfatio ad Lectorem)

† See letter from Lord Hastyngs, *Paston Letters*, n 296. Pauli, in the Introductory Essay to his edition of Gower's *Confessio Amantis*, London, 1857, states that he has adopted the "judicious and consistent orthography" of a manuscript probably of the end of the fourteenth century, "as the basis for the spelling in this new edition." He also describes the orthography of a manuscript of the same author, of the fifteenth century, as having been "carried through almost rigorously according to simple and reasonable principles." Pauli's text is founded on an edition by Berthelette, of the year 1532, but conformed in its orthography to the first manuscript above mentioned. Berthelette printed from an edition by Caxton, but substituted the dialect and spelling of his own time, and carried the process of modernization still farther in a subsequent edition. In that from which Pauli printed, the "orthography and metre

The original edition of that translation furnishes abundant illustrations of a practice to which I referred in the last lecture, that, namely, of clipping or lengthening words according to the space which it was convenient to give them in arranging the printed lines. Thus in Deuteronomy ix. 19, *hot* is spelt *whot*, because a long word was required to fill out the space; in Joshua ix. 12, Judges ii. 14, iii. 20, it is spelt *hote*, there being a smaller space to occupy, and in other passages, where the ordinary form *hot* was long enough, that spelling is employed. In verse 13 of chapter xiii. of Judges, *ye* and *we* are both printed with a single *e*, but in verse 15 of the same chapter, each with two *ee*. In verse 2 of chapter xv., the second person singular imperfect tense of the verb to *have*, is spelt *haddest*, in Genesis xxx. 30, *hadst*. In Genesis xxxi. 8, the future of the substantive verb to *be* is printed *shall bee*, with two *ll* and two *ee*, but in chapter xxv. verse 33, it is printed in one word, *shalbe*, and both these forms occur in verse 17 of chapter xlii of Isaiah*. So in the life of Reynolds in 'Abel Redivivus,' in one sentence *college* and *knowledge* are spelt without the *e* final, but in the next period, both words with it. These, and many more among the thousand similar variations in which early printed English books abound, were occasioned by the necessity of conforming the length of the words to the space that could be spared for them. The double forms *toward* and *towards*, which occur in King James's Bible, are explained in the same way, as also the employment or omission of the final *s* in other words of the same ending in other English books of that century. It should, however, be here observed, that, in all the words ending in *-ward* which are used in the first editions of that translation, with the exception of *towards* and *afterwards*, the *s* is constantly omitted, according to what seems to be the fashionable modern usage; though, as I think, the *s* final ought to be retained in employing words with this ending as adverbs or prepositions, and dropt when they serve as adjectives. One of the most remarkable typographical licences I have observed, occurs in the life of Abbot in 'Abel Redivivus,' printed in 1651. At that period, a common title of address, *Mister*, was spelt, and doubtless pronounced, *Myester*, and hence, though the same abbreviation was used for the address as at present,

had been disturbed in manuscript's place by Bartholomew and he observed that in the oldest manuscript the pronunciation use of *e* and *i* and *u* and *o*, as common in all old English printed books, does not occur. The spelling of *Palmer* in the text referred to its original integrity, is in a very large proportion of the words identical with that of the present day.

* The following facsimile from one of the editions of 1611, shows the arrangement of the lines of the verse referred to, and the reason for it:

| *C* They shall bee *turned backe, |
| they shall be greatly ashamed, that trust |

namely *Mr.*, the two significations of the word were liable to be confounded. The author of the life in question speaks of a particular work, as "*Abbot's master-piece*," but the printer, for want of space, has printed the abbreviation *Mr.*, instead of the whole word *master*. A like example occurs in a letter from Harrington to Prince Henry in the '*Nugæ Antiquæ*.' In printing poetry, where the verses are seldom long enough to extend across the whole breadth of the page, the same necessity of adapting the words to the space did not exist, and hence it is, that the spelling in old printed poems is sometimes more uniform than in contemporaneous prose. In old editions of Chaucer, we find the orthography of the versified portions less irregular than that of the '*Tale of Melibæus*,' and of the '*Persones Tale*,' both of which are in prose. It should, however, be remembered that, in poetry, there existed a totally different cause of irregularity, not connected with the mechanical laws of the press. I refer to the necessities of metre. The final *e* of words with that termination was in Chaucer's time usually pronounced, at least in verse, as it still is in French poetry, and accordingly, where not strictly inflexional, it was employed or dropped according to metrical convenience. Besides this, at that period, the Saxon inflexions had not become wholly obsolete, and early English writers used the *e* final, as a sign of the plural in adjectives, and verbs of the strong conjugation, which in our modern dialect admit no change of form in different numbers.

§ 3. The near coincidence in time between the Protestant Reformation and the general diffusion of the art of printing in Europe, together with the close analogy between the intellectual influences of both, makes it a matter of great difficulty in many cases to determine which of these two causes was most active in the production of particular effects; and especially, how far the change which the sixteenth century produced in all the European languages is to be ascribed to the one or the other of them. The year 1500 found the English language much as Chaucer and Wycliffe had left it; in the year 1600 it had nearly reached the point where it now stands, so far as concerns the dialects of the knowledges then cultivated, except in the vocabulary of the physical sciences. If we compare the '*Morte d'Arthur*,' in Caxton's edition, with Hooker or Shakespeare, and again, the latter writers with the purest authors of the present day, we shall observe that the century between Caxton and Hooker effected as great changes as the two hundred and fifty years that have elapsed since that great writer flourished. Although printing was introduced into England about 1470, yet the productions of the press were not sufficiently numerous to exert much influence on the national mind or speech, until half a century later. During the sixteenth century, printing and the Reformation promoted each

other, and their action upon thought and language was a concurrent one. Without attempting to define the relative weight of each, I may say that I think the most important single element, in producing the general effect of both upon the English language, was the diffusion of a knowledge of classical literature, which printing made possible, and the Reformation made more desirable. The increased number and the reduced price of books in the Greek and Latin languages released classical literature from the confinement of the cloister, and private individuals of moderate means were now able to enjoy intellectual luxuries which before had been accessible only to the wealth of monastic corporations. Manuscripts of the classics had been multiplied only for the exclusive use of those establishments, by monkish scribes who occupied their leisure hours in the copying, or calligraphic and pictorial embellishment, of writings which had survived the wreck of yet more barbarous ages. The first tendency of this secularization of classic lore was undoubtedly unfavourable to the cultivation of the popular literature and the vernacular speech, but a reaction soon commenced, and a new literature sprang up in the vulgar languages, though fashioned upon ancient models affecting a classical structure, and marked by a Latinized phraseology.

§ 4 Until the end of the fifteenth century, it was only in the theological and moral departments that Latin had much direct influence upon English, most of the Latin roots introduced into it up to that time having been borrowed from the French, but as soon as the profane literature of Greece and Rome became known to English scholars through the press, a considerable influx of words, drawn directly from the classics took place. The introduction of this element produced a sort of fermentation in the English language, a strife between the new and the old, and both vocabulary and structure continued in a very unstable state until the end of the sixteenth century, when English became settled in nearly its present form. In the productions of Caxton's press, and indeed in the literature of the period down to and including the time of Lord Berners, whose translation of *Li Romanz*, perhaps the best English prose that had yet been written, and certainly the most delightful narrative work in the language, first appeared in 1523, it is scarcely possible to find a single word of Latin origin, belonging to the general vocabulary of English, whose form does not render it most probable that we received it through the French. A hundred years later, on the contrary, we meet on every printed page, words either taken directly from the Latin, or, which is a very important point, if hitherto existing in our literature, refashioned in order to suggest their classical origin. There is even a Homer in our literature, a struggle between the two great elements of English, and in the

hesitation between the Latin and the Saxon, or older English, he not unfrequently uses both, as for instance, "nocive or hurtful things," "unreasonable cecily and blindness," "rectitude or straightness," "sense and meaning;" and so, in 'Cotta,' "heartened and encouraged."

§ 5. The influence of printing upon the English language has been much extended and strengthened by two important circumstances, common to the two great countries of which the language is the vernacular. The one is, that in neither does there exist, nor for two centuries has there existed, a censorship of the press, a previous authoritative examination of manuscript matter intended for the public; the other is, that public discussion of all questions in the departments of religion, of intellectual and moral philosophy, of politics, indeed of all topics affecting the great and permanent interests of man, is free and unrestricted. Hence the popular mind, the popular speech, in both countries are open to a class of influences which, in most Continental States, are confined to the privileged and the professional alone. For the same reason, the dialects appropriated to the elucidation of all these great subjects have been very widely cultivated, and their vocabularies enlarged, so that our language has acquired a compass and an adaptability to an unlimited variety of uses which nothing but free speech and a free press could give to it. Late journals have stated that dramatic pieces designed for representation on the French stage were to be submitted to a censorship before acting, in order that *slang phrases* and other violations of the purity of language likely to offend academic ears might be struck out. We may easily imagine that the objects of such a censorship are rather political than literary, but in either case it could not fail to have a prejudicial influence on the character of speech, with which change and progress are as essentially connected as motion with the due performance of the organic functions of animal life.

The effect which the muzzling of the press, and the consequent stifling of the free and public expression of opinion on theological questions, have exerted on speech, may be seen by comparing the language of our English Bible, and of English writings of a devotional character generally, with that of similar works in the tongues of Central and Southern Europe. In none of these latter does there exist a special and well-defined religious dialect. Technical words for theological ideas, indeed, they have, but no phraseology so marked in its composition and structure as to constitute an appropriate religious diction. The same thing is true, to nearly the same extent, of the general political vocabulary of the Continent, though, on the other hand, the comparatively little occasion for the employment of English in diplomacy has left our language more

undeveloped and incomplete in that special department than in almost any other.

Although the Letters of Junius, and some of the writings of Cobbett, subjected their publishers to criminal prosecution in England, yet the press was nevertheless substantially free, and it was only by means of a free press that productions so bold in their political character, and so important in their literary influence, could have been given to the public. I speak without any reference to their moral or political merits or demerits, but it must be allowed that Junius did much to limit, Cobbett something to overthrow, the influence of the stilted Latinism of Johnson and his school, and to bring back the language, if not to a Saxon vocabulary, at least to an idiomatic grammatical structure.

§ 6. The influence of printing on the English language has been modified and determined by the peculiar character and circumstances of the people by whom and for whom the literature of England has been created.

The deliberate expression of human thought will always assume a form supposed to be adapted to the intelligence, the temper, the tastes, and the aims of those to whom it is addressed. He who speaks to an audience composed of men of one class, of one profession, of one party, or of one sect, will use a narrower vocabulary, a more restricted or a more select dialect, than he who expects to be heard by a more various and comprehensive circle; and a writer who appeals to a whole people, who seeks to convince the understanding, or enlist the sympathies of a nation, must adopt a diction, employ arguments, and resort to illustrations, which shall, in their turn, suit the comprehension and awaken the interest of men of every class and every calling. Whatever, therefore, is designed for the ear, or the perusal of what we call "the enlightened public," must be as miscellaneous in its composition as that public itself, and it can come home to the bosoms of all, only by using both the speech which is common to all, and somewhat of the special vocabulary which is peculiar to each. English, in its one dialect, for its literature knows but one, is the vernacular, not merely of a greater number, but of a greater variety of persons, than any tongue ever used by man. It is spoken from the equator to near the ultimate limit of human habitation in either hemisphere, and, starting from the British capital, the geographical centre of the solid surface of the globe, it has followed a thousand radii to the utmost circumference. Especially is it found established upon all great lines of traffic and communication, at all great points of agricultural or mechanical production; and wherever human life exists in its most energetic, most restless, intensest forms, there it is the organ for the expression of all that belongs to man's dearest interests, widest sympathies, highest aspira-

tions. It is, moreover, eminently the language of liberty, for, of those to whom it is native, by far the largest portion enjoy a degree of personal, social, political, and religious freedom never before possessed by humanity, upon a great scale. From all these circumstances, there are to be found among those who habitually use the English tongue, and are familiar with written language, if not a greater diversity of character, at least greater differences of interest and external condition, a more generally diffused culture, and a wider range of thought, than have ever before been united by one medium of communication. The press furnishes to every English writer the means, and suggests to him a motive, for bringing this vast and diversified assemblage, the representatives of every human interest, the embodiment of all human intelligence, all human passion, within the reach of his voice; and in him who, with even moderate abilities, writes from the heart, and to the heart, it is no extravagant aspiration to hope that he will be read amid the shivering frosts of the polar circle and the sweltering heat of the tropics, in lonely deserts and thickly peopled cities, upon silent prairies and by the shore of the loud-voiced ocean. The wings of British and American commerce scatter the productions of Anglo-Saxon genius over the habitable globe.

Thus, for the living author, English is what Latin and Greek are for the dead, a cosmopolite speech, whose range in comprehensiveness of space corresponds to the duration of the classical tongues in time, and if the voice of Athens and of Rome enjoys the longer echo, the words of the English speaker are heard over the wider theatre.

Every man, therefore, who, in furtherance of the aims of generous scholarship, or in advocacy of any right or interest of humanity, addresses himself to the boundless audience reached through the medium of the English press, is naturally inclined to use a comprehensive dialect, a wide variety of illustration, and clear and unequivocal forms of expression. Hence, the art of printing demands from its English patrons, not a multiplicity of words merely, but a style combining simplicity and catholicity of structure, conformity to the principles of universal grammar, and consequently a freedom from provincialisms and arbitrary idioms, intelligibility, in short, to a degree not required in the literature of any other age or race.

§ 7. There is another circumstance connected with the operations of the press, of a counteracting character, so far as purity of expression is concerned, which much affects the habitual style of composition in our language. The general diffusion of intelligence among the English-speaking people has not only created a great multitude of readers, but, at the same time that it brings with it a wider diffusion of ability to produce, it encourages the efforts of a more than proportionate number of literary artisans. The rewards of authorship

flowing through the press are now seductive beyond those won in any other field of human effort. A successful English writer enjoys a contemporaneous fame co-extensive with civilization. His renown surpasses that of the soldier whose exploits he immortalizes, his influence is greater than that of a premier, and he reaps a harvest of solid gains more certain and scarcely less abundant than that of the thirstiest merchant. The 'Times' divides among its managers and its contributors the revenues of a principality, parliamentary majorities and ministers shrink before its censures, and the potent Governor-General of British India bows to its untitled correspondent. Prizes so rich, so tempting, and seemingly so easy of attainment, will be eagerly sought by thousands of competitors. The harvest of fame and profit, praise and power, depends upon the extent of the circle in which it is to be reaped, the number, not the character, of the consumers for whose use the commodity is prepared. None seek the audience, "fit though few," that contented the ambition of Milton, and all writers for the press now measure their glory by their gains. Popular literature in all its forms is consequently in the ascendant. The novel of society, the magazine story, the poetic tale, of easy rhyme and easy reading, the daily sheet, and the illustrated gazette, these are the bazaars where genius now offers itself for sale. The aim of a numerous class of popular writers is to reproduce, in permanent forms, the tone of light and easy conversation, to make books and journals speak the dialect of the saloon, and hence pungency of expression, innuendo, verbal wit, irony, banter, and railery, trifling with serious interests, are the characteristics of what we call popular literature, and our language must have a vocabulary which accommodates itself to the taste of those whom such qualities of diction alone attract.

The periodical press is unquestionably the channel through which the art of printing puts forth its most powerful influence on language, and it seems remarkable, that periodicals, which have existed in England since the reign of James I., should scarcely have produced an appreciable effect upon the English tongue, until they had been a hundred years in operation. The establishment of daily newspapers and of literary journals was nearly contemporaneous, and dates from an early period in the eighteenth century, but though the 'Tatler,' the 'Spectator,' and the 'Guardian' had a comparatively large circulation, and exerted a great influence upon the dialect of their time, yet the newspaper can scarcely be said to have had a place in literature until the success of the Letters of Junius, which appeared in the 'Morning Advertiser' from 1769 to 1772, gave to that class of periodicals an ascendancy which it has ever since maintained. It may now fairly be said, that there is no agency through which man acts more powerfully upon the mind of his fellow-man and that the

influence of the art of printing upon language and thought has reached its acme in the daily newspaper.

The influence of the periodical press upon the purity of language must be admitted to have proved hitherto, upon the whole, a deleterious one, and countries where, as in England and America, the press is free, and periodicals consequently numerous, are particularly exposed to this source of corruption. The newspaper press has indeed rendered some service to language, by giving to it a greater flexibility of structure, from the necessity of finding popular and intelligible forms of expression for every class of subjects, and it has now and then preserved, for the permanent vocabulary of our speech, a happy and forcible popular word or phrase, which would otherwise have been forgotten with the occasion that gave it birth. But these advantages are a very inadequate compensation for the mischiefs resulting from the slovenliness and inaccuracy inseparable from the necessity of hasty composition upon a great variety of subjects, themselves often very imperfectly understood by the writer. There is, however, of late years, a great improvement in the literary character of the English newspaper. The 'Times' has long employed writers of surpassing ability, and its example has done much to elevate the tone of editorial journalism in both the countries which employ its language. The English newspaper is now an intellectual organ, an authority for cultivated circles in politics, in letters, in æsthetics. Besides this, it is the popular guide and instructor for evil and for good, and it may truly be said to be the feature most characteristic of the life and literature of Anglo-Saxon humanity in the present age.

LECTURE XXI.

THE ENGLISH LANGUAGE AS AFFECTED BY THE ART OF PRINTING

§ 1 Use of Latin for literary purposes. § 2 Multiplication of books effects upon the reader and writer. § 3. Community of thought. § 4 Pride of ignorance ecclesiastical jealousy. § 5 The art of printing, an agent in extirpating local peculiarities of dialect and pronunciation § 6 French pronunciation. § 7 Conservative influence of printing § 8 Dictionaries § 9 Indexes § 10 Legibility of print. § 11. Multiplication of books § 12 The art of stereotyping

III.

§ 1. On a former occasion, I spoke of the diffusion of classical literature in modern Europe—the first great result of the invention of printing—as having much enlarged the English and other European vocabularies, by the introduction of new words derived from Greek and Latin roots. But the revival of learning was not unaccompanied with effects prejudicial to the cultivation of the modern languages, and their employment for the higher purposes of literature. At that period, most of them were poor in vocabulary, rude and equivocal in syntax, unsettled in orthography, distracted with variety of dialect, and unmelodious in articulation. Under such circumstances, nothing could be more natural than that scholars imbued with the elegance, the power, the majesty of the ancient tongues and of the immortal works which adorned them, should have preferred to employ, as a vehicle for their own thoughts, a language which the Church had everywhere diffused, and which was already fitted to express the highest conceptions of the human intellect, the most splendid images of the human fancy. He who wrote in Latin had the civilized world for his public; he who used a modern tongue could only count as readers the people of his province, or at most of a comparatively narrow sovereignty. Until, therefore, by a slow and gradual process, the necessity of sympathy and intellectual communication between the learned and the ignorant, had enriched the vernacular tongue with numerous words from the dialects of theology and ethics and law and literature, but few scholars ventured to employ so humble a medium. To write in the vulgar speech was a humiliation, a degradation of the thought and its author, and literary works in the

modern tongues were generally prefaced with an apology for appearing in so mean a dress.

The close analogy between the Latin and its Romance descendants much facilitated the enrichment of the dialects of Southern Europe, but in England and the Continental Gothic nations, the stimulus of the Reformation was necessary to furnish an adequate motive and a sufficient impulse for a corresponding improvement in the respective languages of those peoples.

Even so late as 1544, after so many great names had ennobled the speech of England, Ascham, writing on the familiar and popular subject of Archery, says, that it "would have been both more profitable for his study, and also more honest for his name, to have written in another tongue"

"As for the Latine or Greeke tongue," continues he, "everye thinge is so excellentlye done in them, that none can do better. In the Englishe tongue, contrary, everye thinge in a maner so meanlye both for the matter and handelinge, that no man can do worse. For therein the least learned, for the most part, have bene alwayes most readye to write. And they which had least hope in Latine, have been most bould in Englishe · when surelye everye man that is most readye to talke, is not most able to write."*

§ 2. One of the most obvious modes in which the art of printing has affected language, is that by the cheapness and consequent multiplication of books, and by the greater uniformity and legibility of its characters, it has made reading much easier of acquisition, and thus allowed to a larger proportion of those who use a given language access to its highest standards of propriety and elegance. Of course, the effects of thus bringing books within the reach of a larger class will be measured, as between different countries, by the comparative extent to which literature is really diffused in them; and where the press is most active and least restricted, there the greatest number of the people will learn to comprehend and use the language of books, and there the average standard of correctness of speech will be relatively highest.

The same circumstances, independently of the superior inducements to authorship of which I have already spoken, will tend to increase the number of aspirants for literary fame, for where all read, many will feel and obey the impulse to write. The abundant rivalries thus created in every field of intellectual effort are doubtless a great incentive to the attainment of superior excellence in composition, but, on the other hand, the fear of anticipation, and the haste to reap the solid rewards of successful authorship, concur to

promote a rapidity of production, which is inevitably associated with some negligence in point of form. I cannot but think that a perhaps unconscious sense (if that phrase does not involve a contradiction) of the necessity of rapid production, had some influence in promoting the advice given to young writers by authors so unlike as Cobbett and Niebuhr. "Never think of mending what you write, let it go; no patching;" says Cobbett, in his strong English. "Endeavour," says Niebuhr, "never to strike out anything of what you have once written down. Punish yourself by allowing once or twice something to pass, though you see you might give it better." And even Gibbon habitually conformed to the same rule, however little trace of it his highly artificial style betrays.* That this method has its advantages as a means of enforcing caution in the use of words is doubtless true, and perhaps he who, like most modern writers, aims only to influence the opinion of the hour, may advantageously use the popular dialect, which will usually most readily suggest itself to him who writes for popular effect. But, nevertheless, whatever may be the influence of the practice on the writer himself, however it may affect his position with his contemporaries, it cannot but have a prejudicial result as respects the idiom of the language, and the permanence of the works which are composed in it. Upon these points, the experience and judgment of all literature are to the contrary of the rule. The revamping of our own writings, indeed, after an interval so long that the mental status in which we composed them is forgotten, and cannot be conjured up and revived, is a dangerous experiment, but literary biography furnishes the most abundant proofs that, in all ages, the works which stand as types of language and composition, have been of slow and laborious production, and have undergone the most careful and repeated revision and emendation.† Especially is this

* "It has always been my practice to cast a long paragraph in a single mould, to try it by my ear to deposit it in my memory, but to suspend the action of the pen till I have given the last polish to my work."—GIBBON, *Memors*, chap. ix.

And in chapter x., speaking of his *History*, he says, "My first rough manuscript, without any intermediate copy, has been sent to the press."

† Not to speak of the endless force of ancient classical literature, perfection of manner has been obtained by modern writers only by a similar method. The stylistic ability of an author must always be estimated with reference to the native power of expression possessed by the language he uses. Thus, Pascal and Paul Louis Courier are by far the greatest stylists of modern times, and we have no English writer who can compare with either, in perfect adaptation of the expression to the thought, or in flowing ease and gracefulness of diction. This excellence in both cases was the fruit of the most careful and persevering labour in revision and correction. Marking as it is the perfection of Goethe's style, he does not always impress you with the conviction that he

true with regard to the oratorical dialect. Great practice, strong passion, and a fervid imagination may confer the gift of unstudied eloquence, but the orations which after-ages read with applause are almost never the result of unpremeditated effort. Celebrated speakers prepare their impromptus beforehand, to an extent incredible to those who are not familiar with their habits, or, at the least, they make them, by subsequent revision, very different in diction from the volley of winged words which the excitement of debate may have shot forth. Demosthenes, the greatest master of eloquence whose works remain in a written form, never ventured to address an audience without laborious preparation, and we know from the younger Pliny, that the Roman advocates of his time carefully studied their speeches before delivery, and scrupulously corrected and amplified them, in writing them out afterwards.

In recent times, the Press has become what the Senate and the Forum were in the old republics, but the rapid movement of modern society is unfavourable to the leisurely execution, the finish and completeness of literary works, and, of course, to polish and accuracy of language. He who writes for a fickle, a restless, or a progressive public, must take the tide at its flow, and if he follows the Horatian precept, and spends nine years in the elaboration and recension of his book, or in pausing to allow himself time for cool criticism, he will find that he comes too late. The world, in its swift advancement, has already passed far beyond him.

§ 3. The universality of literature, its general popularization by the press, has not only given birth to a more numerous class of producers, but has made it much more truly an expression or exponent of the mind and tendencies of the time and people, than in the ages which preceded the invention of printing. In every country of the civilized world, there is a manifest drift in some particular direction, and literary effort of all sorts feels the impulse of the current. The perpetual, all-embracing intercommunication between mind and mind, through the press, stamps upon all the same tendencies, the same course of thought, the same proximate conclusions. Society is more intensely social. Men are become more deeply imbued with the spirit of a common humanity, and know and participate in each other's intellectual condition. There is a remarkable proof of this in the perpetually repeated instances of concurrent mental action between unconnected individuals. Not only does almost every new mechanical contrivance originate with

has exhausted the utmost resources of his native tongue, and it is remarkable that one of his most felicitously expressed productions is a translation from the French—the *Rameau's Nephew* of Diderot—in which the fluent beauty of the original is admirably rendered, with little sacrifice of the German idiom.

half a dozen different inventors at the same moment, but the same thing is true of literary creation. If you conceive a striking thought, a beautiful image, an apposite illustration, which you know to be original with yourself, and delay for a twelvemonth to vindicate your priority of claim by putting it on record, you will find a dozen scattered authors simultaneously uttering the same thing. There are in the human mind unfathomable depths, out of which gush, unbidden, the well-springs of poesy and of thought; there are mines unilluminated even by the lamp of consciousness, where the intellect toils in silent, sleepless seclusion, and sends up, by invisible machinery, the ore of hidden veins, to be smelted and refined in the light of open day. The press, which has done so much to reveal man to man, and thereby to promote the reciprocal action of each upon his fellow, has established new sympathies between even these mysterious abysses of our wonderful and fearful being, and thus contributed to bring about a oneness of character which unmistakably manifests itself in oneness of thought and oneness of speech.

§ 4. Southey, in his 'Colloquies,' makes the remarkable statement, that "one of the first effects of printing was to make proud men look upon learning as disgraced, by being thus brought within reach of the common people." "When laymen in humble life," continues he, "were enabled to procure books, the pride of aristocracy took an absurd course, insomuch that at one time it was deemed derogatory to a nobleman if he could read or write. Even scholars themselves complained that the reputation of learning, and the respect due to it, and its rewards, were lowered when it was thrown open to all men. Even in this island, ignorance was for some generations considered to be a mark of distinction, by which a man of gentle birth chose, not unfrequently, to make it apparent that he was no more obliged to live by the toil of his brain, than by the sweat of his brow."

The feeling which Southey ascribes to the "pride of the aristocracy," was really an effect of ecclesiastical jealousy. There is little evidence to show that the aristocracy were more deplorably ignorant after the introduction of printing than before, but there is abundant proof that the new art was regarded with dislike by the Church, when employed for any purpose but the multiplication and cheapening of the Latin books required for the use of the clergy themselves. To the same cause we are to ascribe the fact, often noticed as a singular one, that Caxton printed very few religious books. Sir Thomas More expressly declares, that Caxton refrained from printing the Bible in English, because he feared that the practices ordained by Archbishop Arundel for copying or using Wycliffe's Bible would be corruptly and illegally enforced against any English

translation of the sacred volume. For such religious books in Latin as would have been allowed to be printed, there was fortunately little demand in England, and, to the great benefit of the English language and literature, Caxton was not only left free, but obliged, to confine the operations of his press almost wholly to the publishing of English books. The English priests themselves were at that period as ignorant as are those of the Oriental churches at the present moment. We learn from Fuller, that early in Queen Elizabeth's reign the clergy were ordered to con over the Lessons by themselves once or twice before every service, in order that they might be able to read them fluently to the congregation.

§ 5. The art of printing, and especially the periodical press, has been a most influential agency in extirpating local peculiarities of dialect, and producing the general uniformity with which the English language is spoken and written wherever it is used at all. Persons who study the American speech cannot fail to notice that there is among the Americans a tendency to pronounce words, and especially proper names, more in accordance with their orthography, and to make fewer exceptions to general rules, than in England. The most obvious, though not the only cause of this, is the universality of the ability to read and write, which modern society in free countries owes to the art of printing. Where all read, most persons first become acquainted with the names of distant localities, of eminent persons, and of new objects, through the press, and not by the ear. Names so learnt will of course be pronounced according to the regular orthoepy of the language, and thus a general pronunciation, often very discordant from the local one, becomes established. In the case of foreign words, proper or common, we are prepared to find, among persons acquainted only with English, as the mass of those to whom that language is vernacular necessarily must be, a pronunciation of such names widely different from the native articulation. However repulsive, therefore, such distortions of names may be to those familiar with them in their original orthoepy, we are not surprised to hear the name of the great bankers of Europe popularly pronounced *Röthchild*, or American artists, of foreign extraction spoken of respectively, as *Röth-ermel*, and *Gotts-chalk*. Indeed, a strict conformity to the native pronunciation of names, belonging to languages whose orthographical system differs much from our own, is generally considered an offensive affectation, and a great British orator, who was as familiar with French as with English, is said to have been so scrupulous on this point, that, in his parliamentary speeches, he habitually spoke of an important French port as the city of Bordeaux. In England, the names of families and of towns are often very strangely corrupted, not in vulgar pronunciation alone, but by the general usage of the highest classes. Thus the originally

French name, now naturalized in England and America, which is spelt (and in America pronounced) *Beauchamp*, is in England called *Beecham*; *Belvoir* is *Beer*; *Saint John*, *Sinjon*, *Cholmondeley Chumley*; *Cirencester*, *Siseter*, and Alexander Gil tells us that in his time *Darbridge-court* was pronounced *Dabscot*. Some of these corruptions, at least, are old ones, for Froissart, who, as a foreigner, spelt English names by the ear, writing about the year 1400, uses *Sussetour* for *Cirencester*, and *Beachame* for *Beauchamp*. Even as late as 1651, I find *Montgomery* spelt in 'Abel Redivivus' *Mungumry*. The original orthography of all these names is now recovered, and strangers, finding them in books of travel and newspapers, will of course pronounce them as they are spelt. So strong, indeed, is the tendency in America to conform orthography and speech, that in some instances the spelling of English names has been altered to suit the family and neighbourhood pronunciation. An example of this is found in a name which is written and pronounced differently, *Kirkland*, *Cartland*, and *Catlin*, by different branches of the family and in different localities, though *Kirkland* is doubtless the original form of all of them. So the name *Worcester* has in some of the families that bear it been conformed to a loose pronunciation, and is spelt *Wooster*. These changes in spelling American family names were made at an early day, when, though the ability to read was as general as now, yet books and newspapers, and of course the opportunities for reading, were much fewer. At present, the tendency is in the opposite direction, and many corrupted names have been restored both to the original spelling and orthoepy. In England, changes of either sort are made with somewhat greater difficulty; but here too, since the multiplication of railroads, and since names, formerly less frequently seen in a written form, are constantly recurring in newspapers, railroad tables, and the like, and of course oftener used by strangers to the local orthoepy, and by them pronounced as written, there is observed an evident tendency, even in the natives of towns hitherto so sadly miscalled, to accommodate the spoken form to the orthography, and restore the names to their ancient fulness of articulation. Thus, in the case of names widely disseminated by printing, the distant popular majority, who know the word only by its spelling, are carrying the day over the neighbouring few who have learnt it by the ear, and the latter is likely at last to triumph, and bring back the tongue to the primitive or an approximate pronunciation. A reform of this nature, supported as it is by the constantly increasing influence of the press, cannot stop with mere names, and a few years will probably free spoken English from some of that clippings, crowding, and confusion of syllables, which three centuries ago led Charles V. to compare it to the whistling of birds.

and which, in its modern exaggerated form, is a still more disagreeable peculiarity of its pronunciation.*

§ 6 The same causes have produced similar effects in other countries, and persons familiar with Continental phonology cannot but observe a growing inclination to give a fuller utterance to obscure sounds, and to articulate letters hitherto unpronounced, or, if sounds have been irrecoverably lost, to omit the letters which once expressed them. This is most readily noticeable in French, because the number of silent letters is greater in that than in any other European language, and a comparison of recent and older works on French pronunciation will show that final and radical consonants are now, according to the best usage, articulated in many cases where they were formerly silent. Palsgrave, whose French Grammar was printed in 1530, speaking of French pronunciation, says, "What consonantes soever they write in any worde for the keypyng of trewe orthographie, yet so moche covyt they in redyng or spekyng to have all theyr vowelles and diphthongues clerly herde, that betwene two vowelles, whether they chaunce in one worde alone, or as one worde fortuneth to folowe after another, they never sounde but one consonant at ones, in so moche that, if two different consonantes, that is to say, not beyng both of one sorte, come together betweene two vowelles, they leve the fyrst of them unsounded." He then gives a list of one hundred and nine words, where *s* preceding another consonant is pronounced, as exceptions to the general rule. It appears from Beza, that there were some other exceptions, but he also recognizes the rule. Printing, and the consequent diffusion of a grammatical knowledge of the language, have had the effect, first, of expelling from the orthography a portion of these silent consonants, and secondly, of changing the pronunciation and bringing it more into accordance with the spelling, by introducing the articulation of consonants formerly "unsounded." This double process is still going on, and we may venture to predict that the spelling and the orthoepy of French will be much less irreconcilable a century hence than they are at present.†

* There were current in English, as late as the seventeenth century, many syncopated phrases, which have almost wholly disappeared since reading and writing became general. Two of these are mentioned in the French grammar prefixed to Cotgrave's French-English Dictionary, 1650, Section of Consonants, *muchiditti*, much good may it doe to you, and *Godigodin*, God give you good evening. So *Godge*, for God give you (or ye), *dich*, for do it you (or ye); both which, when the origin was forgotten, were followed by another pronoun, or other objective, as *Godge you* good morrow, *Much good dich thy* good heart.

Even in Italy, clear as is the usual articulation, we hear such expressions as *ciào*, for the complimentary phrase, *schia vo suo*.

† Palsgrave gives the figured pronunciation of a few sentences and single

§ 7. I have shown in a former lecture that the mechanical difficulties of the art of printing at first tended to increase the existing confusion and uncertainty of English orthography, but after these difficulties were overcome, as they seem to have been soon after the publication of the first editions of King James's Bible, the influence of printing was in the contrary direction, and our spelling has within two hundred years undergone far fewer and less important changes than our vocabulary. In both these particulars, the art is now eminently conservative; in the former, merely sustaining that which has once become established, but in the latter both preserving the old and freely admitting the new. With so large a number of public libraries usually well secured against destruction by negligence or violence, scarcely any book can become absolutely extinct; and every word, once introduced into our printed literature, may fairly be said to have become imperishable. We find in old authors many words now disused, and others which are wholly unintelligible. These, in some instances, turn out to be typographical errors, but the industry of etymologists is continually discovering the meaning of old words not hitherto understood, and reviving obsolete or obsolescent expressions, which the revolutions of time and circumstance have again made needful or convenient. Thus the boast of printing, that it is the art which is the general conservator of all arts, proves eminently true with respect to speech, which may be considered as an art, in

words by way of illustrating his rules. In these examples the following words occur —

dicton,	figured pronunciation,	difon.
adjuger,	" "	ajuger.
multitude,	" "	montitude.
substance,	" "	sustance.
sculpture (sculpture)	" "	scouture.
mortel,	" "	morté.
derliner,	" "	detmer.
lequel,	" "	leké.
election,	" "	elesion.
céleste.	" "	célete.—PALSgrave, 23, 60, 62.

Génin, a very high authority in French philology, observes —

"Aujourd'hui il n'est pas un petit commis de magasin qui ne se pique de faire sonner les haisons quand il raisonne sur l'*ar t-antique*, ou se plaint d'avoir froi *t-aux pieds*, ou s'accuse avec fatuité de ses *tor z-enter z-elle*."

The tendency to pronounce the final consonants (which is but a single case of the rehabilitation of disfranchised letters in French phonology) is ascribed by Génin to the influence of the theatre, where the articulation of consonants in *haisons*, partly for metrical reasons and partly for the sake of distinctness, has always been practised in versified dramas — GÉNIN, *Réc. Phil* ii 425, 427.

Doubtless in Paris, and in France at large, the influence of the theatre on such questions is very great; but, as the corresponding change in English articulation is clearly traceable, not to theatrical practice, but to the diffusion of letters, I cannot but suppose that like effects in France may be, in great part at least, ascribed to the same cause.

so far as it is an acquired, not a purely spontaneous, self-developing faculty.

§ 8 Printing has conferred an important benefit on language, by multiplying and putting within the reach of every man books of a class which, when literature existed only in a written form, were rarer than those of almost any other character. I refer to dictionaries, and other works of the comprehensive and encyclopædic class, which, although they cannot be said to owe their existence to printing, yet could never have obtained a general circulation without it. We know that ancient literature possessed works of this kind, but they were so little multiplied, that scarcely any of them have come down to us, nor did lexicography make a progress correspondent with that of other departments of knowledge, until after the art of printing had been long employed in the diffusion of general literature.

The multiplication and improvement of dictionaries is a matter especially important to the general comprehension of English, both because of its great copiousness, and more particularly on account of the multifarious character of its sources, and its little facility of derivation and composition. Languages which, like Greek and German, are derived by simple and easily understood rules from a comparatively small number of roots, contain few words not intelligible to those acquainted with their familiar and constantly recurring rudiments. For instance, the common German-English dictionaries contain about two hundred words compounded of *halb*, the equivalent of our English *half*, and some other equally familiar root, the meaning of every one of which compounds is immediately obvious to every German. In Webster, I find fewer than fifty compounds into which our *half* enters, its place being taken in other words by the Greek *hemi*, the Latin *semi*, the French *demi*, and the Italian *mezzo*, all of which are unmeaning to the Englishman, and their explanations must be sought in dictionaries. Although, therefore, from the former low state of philological learning in England and America, our lexicography is far behind that of most Continental nations, yet no modern language so essentially requires the aid of dictionaries as the English.

✓ § 9 Printing has also introduced a multitude of other facilities for the convenient use of books, such, for example, as indexes. Two copies of the same manuscript, especially if written by different persons, would never correspond, line for line, or even page for page, and, of course, an index prepared for one copy would not answer as a guide to a given passage in another. To prepare a separate index for each manuscript would be a work of hardly less labour and cost than to re-write the whole copy, and the consequence was that indexes scarcely existed at all, and learned men were obliged to rely

upon their memories alone, when they wished to refer to a particular passage in the works of an author.* Accordingly, the ancients introduced quotations, with no other indication of their source than the name of the author, or at most the book, from which they were taken. But the very want of these facilities had its advantages, for writers would be more likely to accustom themselves to a natural and logical arrangement of the divisions and subdivisions of their subject, when they knew that a reader could have no mere mechanical means of obtaining a general view of it. Books were anciently written to be read, studied,—to be, as Thucydides has it, “a possession for ever,” not to amuse an idle hour, or at best to be consulted upon special occasion, as one looks out a word in a dictionary.

§ 10. There are other facilities of research and of criticism connected with the legibility of letter-press, which are of no trifling advantage to the scholar. Suppose he wishes to find in a particular author a passage to which he has not an exact reference, or that he is seeking exemplifications of the use of a given word or phrase, in order to determine its meaning or syntactical character, by the authority of good writers; the eye, which takes in a page at a glance, will run through a printed volume, and discover the passage or the word sought for, in the time which would be required to decipher half a dozen columns of manuscript. Again, let an author who has carefully elaborated his composition, and given it the finishing touches, revise it in letter-press, and how will the errors, the repetitions, the negligences, which a dozen perusals in manuscript had

* Pliny's *Natural History* is one of the few ancient books which have come down to us with even a Table of Contents. The author concludes his Dedication to Vespasian with this reference to his Table, as translated by Holland (London, 1601) “Now to conclude and knit up mine epistle knowing as I doe, that for the good of the commonweale, you should be spared and not impeached by any privat businesse of your owne, and namely in perusing these long volumes of mine; to prevent this trouble, therefore, I have adioyned immediately to this epistle and prefixed before these books, the summarie or contents of everie one and verie carefully have I endeavoured that you should not need to read them throughout, whereby all others also, after your example, may ease themselves of the like labour; and as any man is desirous to know this or that, he my seeke and readily find in what place to meet with the same. This learned P of Valerius Soranus, one of our owne Latin writers, who hath done the like before me and set an Index to those books which he intituled *ἑρμηνεύματα*.”

The Table begins with a statement of the general subject of each book, and as a ready method of finding the books, the initial words of each are given, nothing being referred to by number of page. Then follows a specific list of the subjects discussed in the several books, an estimate of the number of particular facts recorded, and the names of the authors cited as authorities.

Of course, verbal indexes and concordances, which modern critical scholars find so useful, must have been much rarer than Tables of Contents, and even these, it is evident from the remarks of Pliny, were little known in his time.

failed to detect, stare him in the face, as monstrous and palpable delinquencies ! So, the compression of matter, which printing allows, is a thing of very great convenience. True it is, that in the days of ancient calligraphy, minute writing was brought to such perfection that, as is easily shown by calculation, Cicero's story of the 'Iliad,' which could be carried in a nutshell, is not in the slightest degree improbable, and I have myself seen the entire Arabic Koran in a parchment roll four inches wide and half an inch in diameter.* But these are exceptional cases. Printed letter is, generally, much smaller than manuscript, and as manuscripts in the volume, or roll-form, were usually written on one side only, the bulk of a printed-book is very much less than that of the same matter written by the hand. Hence we have, within the compass of a hand-volume, a dictionary or other book of reference, which, in an ancient library, would have filled a compartment; and the convenience of consulting it is increased in much the same proportion as its compression.

* "Cicero hath recorded, that the whole Poeme of *Homer* called *Ilias*, was written in a pease of parchment, which was able to be couched within a nutshell"—HOLLAND's *Pliny*, i 167.

Lalanne (*Curiosités Bibliographiques*) describes an edition of Rochefoucault's *Maxims*, published by Didot in 1829, as printed typographically in pages measuring 951 square millimètres, and containing 26 lines, with 44 letters to the line. A page one inch and twenty-one hundredths square, would be about equal to 951 square millimètres, or one square inch and forty-six hundredths, which would give 783 letters to the inch. This falls far short of what has been accomplished by the pen, and very greatly below the performances of the graver. Mr. Charles Toppan, an eminent engraver of New York, has engraved the Lord's Prayer with its title, and the Ten Commandments with title and numbers, and his own initials, within a circle of less than forty-one hundredths of an inch in diameter. The number of letters and figures on this plate is 1550, and as its area is a trifle over an eighth of a square inch, the number of letters to the square inch would be 12,000. According to Lalanne, the *Iliad* contains 501,930 letters, and of course, if engraved with equal minuteness, the whole *Iliad* would be contained within the compass of less than forty-two square inches, or, in other words, on a slip of paper one inch wide and twenty-one inches long, printed on both sides.

The title of Mr. Toppan's engraving can be made out, and, in a very strong light, much more of it read, without a magnifier, at least by the microscopic vision of a near-sighted person, but the height of the letters does not exceed the 150th part of an inch, and it cannot be said to be legible to the naked eye. Lalanne says that Huet proved by experiment that a thin parchment, measuring 27 by 21½ centimètres, which would give an area of 89 square inches, written on both sides, would contain the *Iliad*, and such a parchment, he observes, would readily go into a common-sized nut. Mr. Toppan might double the height and width of his letters and spaces, and still print the whole *Iliad* on one side of such a leaf.

Among the impudent forgeries of the notorious Simonides, there were manuscripts of wonderful beauty of execution, and written in characters almost as minute as those of Mr. Toppan's engraving.

§ 11 On the other hand, the facilities of production have multiplied the mass of books out of all proportion to the needs of literature. The cost of a book lies mainly in what printers call composition, that is, the arrangement of the type and pages to receive the impression. The amount of this item is the same for one copy as for a hundred thousand, and the typographical composition of a volume is scarcely more expensive than the execution of a single copy carefully written by hand. Every successive repetition of a manuscript costs as much as the first, and each, of course, as much as the type-setting for a whole edition of a printed book. Hence, an ancient author, who desired a wide and permanent circulation for his book, would study to confine it within such limits of bulk and price that it could be repeated and multiplied without an extravagant tax on the purses of his public. But when the cost of books was so reduced by printing that the price of one ancient volume would buy a library, and a publisher could circulate a hundred copies for a less sum than was formerly expended in producing one, the necessity of conciseness and compression was no longer felt. While, therefore, the immortal History of Thucydides, which, after three and twenty centuries, numbers hardly fewer readers than in the days of its greatest domestic glory, is contained in two pocket volumes, Thuanus in the sixteenth century extends his narrative of the events of a few years, on a narrow theatre, to seven folios, the weight of which has already smothered the fame of their author. So numerous have books become, by modern facilities of production and reproduction, that men of varied tastes and multifarious reading can find time to peruse nothing. They skim over books, or, as the French expressively say, they *parcourent les livres*, run through them, study them by tables of contents and indexes. "What, *read* books!" said one of the great lights of European physiological science to a not less eminent American scholar, "I never *read* a book in my life, except the Bible." He had time only to glance over the thousands of volumes which lay around him, to consult them occasionally, to excerpt the particular facts or illustrations which he needed to aid him in his own researches.

The elder Pliny, the most indefatigable labourer, the most voracious literary glutton of ancient times, in that remarkable dedication of his 'Natural History' which I have just cited, says, that he had collected his encyclopædia out of two thousand volumes, written by one hundred approved authors, all of which he had diligently read.*

* "In 36 Books I have comprised 20,000 things, all worthy of regard and consideration, which I have collected out of 2000 volumes or thereabout, that I have diligently read (and yet verie few of them there be, that men learned otherwise, and studious, dare meddle withall, for the deepe matter and hidden

Now, to judge from the Herculanensian manuscripts, these two thousand rolls would hardly have made two hundred fair octavos, and this was probably the entire library of the most learned of the Romans. In modern times, scholars by no means millionaires, as Thott in Denmark and Murr in Germany, have collected libraries of more than one hundred thousand volumes, each of which was equivalent to many of Pliny's, though we may well doubt whether the relative value was proportioned to the bulk *

§ 12. The art of stereotyping has greatly increased the ease of multiplication, and, in books much in demand, lessened the cost of production, and of course augmented the pecuniary profits of the publisher and the author, though without a corresponding reduction of price to the consumer, and with some detriment to the interests of literature. True it is, that a writer who designs to stereotype his work has strong inducements to carry it to the highest pitch of completeness and finish, and, if it belongs to any department of progressive knowledge, to bring it down to the latest moment in the history of his subject. But a book once stereotyped is substantially immutable. To every suggestion of improvement, to every exposure of error, every announcement of advancement by other inquirers in the same field, and even to new thoughts growing out of his own researches or riper reflections, the author must reply, with Pilate, "What I have written, I have written!" and the criticisms of friends and foes alike are but arguments after judgment. The possession of a set of stereotype plates enables a capitalist to defy competition. Hence the art of stereotyping is one of the means which strengthen the tyrannical monopoly of literature; and though it may serve to diffuse knowledge more widely, it tends to retard its real progress.†

secrets therein contained), and those written by 100 several elect and approved authors"—HOLLAND'S *Pliny* (Dedication)

* The largest libraries which royal munificence founded in ancient times, admitting that the number of volumes has not been exaggerated, were, doubtless, much inferior in quantity of matter to very many existing collections of printed books. The most extensive library before the invention of printing, of which we have credible accounts, was that of Tripoli in Syria, composed chiefly of Arabic books, and destroyed by the crusaders. Christian zealots have declaimed much against the barbarism of Omar, who is accused of the wanton destruction of the Alexandrian library, but how many of them have stigmatized the equally blind and culpable fanaticism which led the champions of the cross to burn the far larger collection at Tripoli, Cardinal Cisneros to destroy eighty thousand Arabic manuscripts, and even Fléchier to applaud Cardinal Ximenes for having made an auto-da-fe of five thousand Korans?

See Viardot, *Histoire des Arabes et des Mores d'Espagne*, vol. 1 chap 1, and vol 11 chap 2, also, *Revue Orientale*, 11 495

† In England and the United States. Where every book for which a large

To strike the exact balance between the various influences of the art of printing, with its mechanical conditions, for good and for evil, is to earthly faculties impossible; but there can be no doubt that to the improvement of language, as a means of intercommunication between all the ranks of humanity, and therefore to the general elevation of humanity itself in the scale of being, it is the most important, the most beneficent of the inventions of man.

circulation is expected is stereotyped, the last edition differs from the first only in the title page, which is renewed every year as regularly as the Almanac. In Germany, where stereotyping is little practised, the small editions usually printed rapidly succeed each other, and almost always with considerable changes. A German scholar, in his first edition, generally examines and refutes all that has been advanced by other writers of all times and countries upon the same subject, and those who buy the first edition are fortunate if they do not soon find that the author has made that worthless, by refuting himself in the second. There is never an end to the "Last Words" and "More Last Words" of a German Baxter, so long as he lives, and you are safe in quoting his authority only from Ostern to Michaelis, and from Michaelis to Ostern, because every new Messe brings with it either a recantation of his former views, or an advance upon them.

To speak seriously, the intellectual independence and moral courage of Germany, and those habits of persevering and continued research, which forbid the scholars of that country to settle down upon the results of even their own investigations as final *stereotyped* conclusions, have been of infinite service in promoting the increase of knowledge and extending the sphere of human thought.

I would gladly have added some speculations on the influence of the Telegraph, and its inexorable "ten words," on language, but I have already perhaps devoted too much space to the consideration of the mechanical conditions which operate on human speech.

+ LECTURE XXII.

ORTHOEPICAL CHANGES IN ENGLISH.

§ 1. Causes of orthoepical changes § 2. Pronunciation of English and Anglo-Saxon. § 3 Sources of information on the history of our pronunciation
 § 4 Pronunciation of Old English. § 5 The vowel *a*. § 6. The vowel *e*. § 7. The vowel *i*. § 8 The vowels *o* and *u* § 9 Diphthongs § 10. Consonants § 11. The letters *b* and *c* § 12 The letter *d*. § 13. The letters *f* and *g*. § 14. The letter *h* § 15 The letters *l* and *r*. § 16 The two sounds of *th*. § 17 The letter *w*.

§ 1. Few subjects belonging to the study of languages are more difficult of investigation than the successive changes in their pronunciation. They are difficult, because the memory of a man or a generation, which almost alone preserves the record of such changes, is not long enough to admit of mutations greater than the transposition of an accent, the lengthening or shortening of a vowel, and the like, and our vocal notation is so incomplete and irregular, that we are always doubtful what sound is represented by any given combination of letters, unless in the case of known words, which habit has rendered familiar to the ear. The obsolete words which occur in Chaucer and in Spenser are almost as uncertain in their sounds as if they belonged to an unknown tongue. We are, therefore, much in the dark as to the fact of a change in any given case, and it is seldom that we can say positively how any one word was pronounced a century ago. But in the few cases where the change is established, we are generally wholly unable to account for it. True, there are observed in all nations, all languages, tendencies to this or that revolution in pronunciation; but whence these tendencies, what are their laws, and what connexion have they with changes in the signification of words, or their combination in periods? * In the case of a people like that of early England, or of the modern United States, made up of a hundred elements, exposed to a thousand external influences, we may see obvious causes of fluctuation in pronunciation; but in sedentary, homogeneous races secured by

* See Notes and Illustrations, *On the Connexion between Orthoepical and Syntactical Changes*

position from foreign contact, it is often impossible to suggest any explanation of orthoepic mutations. The people of Iceland have been less exposed to external influences than any other civilized and cultivated nation of Europe, yet, while their grammar and their vocabulary have remained essentially unaltered, their pronunciation appears to have undergone considerable changes. In Norway, a country also eminently exempt from the action of extraneous forces, and which, seven centuries since, used the same language as that of Iceland, there has been a great revolution in the pronunciation of those words which remain the same in the dialects of both, and this observation applies with no less force to Sweden, which is almost equally secluded from foreign influences. I speak now wholly with reference to the pronunciation of words which have remained in use, in forms substantially the same, not of lexical or grammatical changes.*

§ 2 Many of our English words vary much in pronunciation from their cognates in the other Gothic dialects, and while, on the one hand, it is difficult to suppose that their present articulation can be as widely distinct from their own primitive utterance as it is from that of the same words in living Continental languages, it is, on the other, scarcely less so to imagine that the orthoepy of Anglo-Saxon differed from that of its Continental sisters as much as English pronunciation now does †

* Rask says that, in ancient Icelandic, *f*, when not initial, had in all cases the sound of *v*, so that *na f n*, name, was pronounced *navn*. In modern Icelandic the same word is pronounced *nabbn*; the verb *ne f na* (infinitive), *nefna*, but the past tense, *ne f nd i*, as if written *nemdi*, and the participle *ne f nt* like *nemnt*. In the same words, as used in the modern Scandinavian, the Danish has an orthography which doubtless once represented the original pronunciation though now differently articulated. *Na f n* is in Danish written *Navn*, but the *av* is pronounced like the German *au* or nearly our *ou*, so that *Navn* and noun are much the same in sound. But in Sweden the spelling and pronunciation correspond to the modern Icelandic articulation of the past tense and participle. *Na f n* is, in Swedish, *namn*, *ne f na*, *nämna*.

† This discrepancy between the English (and probably Anglo-Saxon) and the Teutonic pronunciation of words identical in etymology and spelling appears to me to add some weight to the opinions I have expressed concerning the essentially composite character of the Anglo-Saxon language, and its distinctness from the comparatively homogeneous dialects of the Teutonic stock. All these latter agree in rejecting the two sounds of the *th* (*þ* and *ð*) which we have inherited from the Anglo-Saxon, they pronounce, approximately, *t* like our *c*, and *e* like our *a*; they have the softened *ð* and *þ* and the guttural and palatal *ch* and *q*, which are wanting in English, and they have not the English *ch* and *j*, or the Anglo-Saxon and English combination *hr* (*wh*). Our articulation though very far from coinciding with that of the Scandinavian languages, nevertheless, on the whole, agrees with it more nearly than with that of the German. The vulgar New England pronunciation of the diphthong *ou* or *ow*, generally represented in writing it as provincial by *co*, *c*, prevails in several

The pronunciation of Anglo-Saxon is a matter of very great uncertainty. The opinions of grammarians on this subject, however positively expressed, are little better than conjectures, and the explanation of the changes which are known to have occurred is very obscure. With respect to the fluctuations in modern English the difficulty is hardly less, and it is increased by the notorious fact that the differences of local pronunciation were, until within a very recent period, much greater than at present, so that, when we have ascertained that a particular author pronounced in a particular way, we are not always authorized to infer that he followed any generally recognised standard.

§ 3. The sources of information on the history of our pronunciation are—old treatises, expressly on English grammar and orthoepy, or on foreign languages, in which comparisons are given between English and foreign sounds, casual remarks of authors not writing professedly on this subject; and, lastly and chiefly, poetical compositions. This last standard of comparison is not a sure guide, except in regard to accentuation, where, as the metre determines the quantity of each word, the only source of uncertainty is the doubt whether the author may not have displaced the accent by poetic licence. In reference to rhymes, there is, first, the great difficulty of determining the sound of either of the words in the pair, whereby to test the pronunciation of the other, and then the possibility that the rhymes, in a particular case, were of that imperfect class which necessity renders allowable. The word *heaven*, for instance, has few perfect rhymes in English, and of these few, most are, like *leaven*, *seven*, *eleven*, words not likely to be used in the same couplet with *heaven*. The consequence is, that it is more frequently made to rhyme with *given*, *driven*, *riven*, *striven*, than with words exactly coincident with it in sound. A foreigner, knowing as little of the orthoepy of modern English as we do of that of the sixteenth century, would probably infer, from a comparison of the examples where *heaven* is used in English poetry, that the combination *ea* was, in English orthography, equivalent to short *i*. Natives are of course liable to the same error in arguing former identity of sound from former use in rhyme.

English local districts, as well as in some, at least, of the Friesian patois, and very possibly was once a normal sound in English, as it now is in Danish, where it is written æv, or ev, as in *Revle*, *revne*, *revse*, in which words it corresponds to the *ou* or *ow* in *cow*, *round*, *house*, in the pronunciation of the Eastern States in America.

Almost every sound which is characteristic of English orthoepy is met with in one or other of the Scandinavian languages, and almost all their peculiarities, except those of intonation, are found in English, while between our articulation and that of the German dialects most nearly related to Anglo-Saxon there are many irreconcilable discrepancies.

In the Gothic and Romance languages, with the remarkable exception of the French, the accentual system is perhaps the most marked characteristic of their articulation. It is that which the foreigner first becomes aware of, because, in the main, the accented syllable is the one most distinctly heard in listening to a strange language. Our means of knowing the ancient accentuation of English are, so far as they go, capable of a good deal of certainty, and the law of change on this subject is evidently that of throwing the stress of voice more and more back towards the initial syllables, in accordance with the general rule in the cognate tongues; so that English accentuation is becoming more and more Anglicized, so to speak, while the vocabulary is becoming Romanized. There are certain exceptions to this rule in America, but I postpone the consideration of them until I examine the tendencies of the language in America as contrasted with those it manifests in England.

§ 4. The pronunciation of primitive English is a subject of much interest in many points of view, but most obviously with reference to the character of early versification, and especially to the question whether old English poems, as those of Chaucer and Gower, are strictly metrical, or merely, like the verses of Langland in 'Piers Ploughman,' rhythmical. It is also linguistically important, because we cannot compare our etymology and our inflexions with those of languages nearly or remotely related, without knowing whether given sounds are expressed by the same signs in both. This uncertainty is a constant source of error in etymological research, and especially in the attempts to deduce native words from Oriental and other remote roots as written in European characters, for the imperfection of our alphabet often obliges travellers and scholars, in recording foreign words, to use one letter to express two sounds very different to a trained ear, but for which our notation furnishes but a single sign.

The collision between the Anglo-Saxon and the Norman-French orthographical and orthoepical systems, and the necessity of effecting a compromise between them, naturally drew the attention of English scholars, at a very early period, to the relation between sounds and the signs which represent them. The extract from the 'Ormulum' given at the conclusion of Lecture XIX. shows that the writer had very carefully considered the subject; and many of the manuscript copies of Gower and Chaucer exhibit, in the uniformity and consistency of their orthography, like evidence that it had received thoughtful and thorough investigation. Several attempts were made in the sixteenth century to reform the spelling of English, which had been much corrupted by causes already described in previous lectures. Among these attempts, the system employed by Churchyard in some of his poetical works, and ridiculed by Southey under

the name of "Churchyarde's Uglyography," is certainly not very inviting to the eye, but it is by no means without merit. The orthography proposed by Alexander Gil, in his '*Logonomia Anglica*,' first published in 1619, is still better adapted to the expression of the sounds of the language, and has the further advantage of suggesting the etymology of all native words more clearly than most other efforts in the way of phonographic writing. It should be added, that the general conclusion to be drawn from the '*Logonomia*' is, that the change which has taken place in English pronunciation within two centuries and a half is, with one or two marked exceptions, less than we should infer from our other sources of information on the subject.

All the old English writers on orthography and pronunciation fail alike in the want of clear descriptive analysis of sounds, and of illustration by comparison with the orthoepy of other languages more stable and uniform in articulation. For this reason, and probably also on account of real dialectic differences of pronunciation between them,* they appear often to stand in very direct contradiction to each other, and it is quite impossible to reconcile or explain their discrepancies. Under these circumstances, no very precise and certain results can be arrived at, and I do not propound the opinions I am about to express as generally supported by anything more than a balance of probabilities.

§ 5. Whether the vowel *a* had in Anglo-Saxon the same general sound as in English, or, if not, when the change in its force took place, cannot now be positively ascertained. The most important direct authority I am aware of with respect to the early pronunciation of this vowel in modern English is that of Palsgrave, who, in his chapter on the French vowel, says, "The soundyng of *a*, which is most generally used throughout the Frenche tonge, is such as we use with us where the best English is spoken, which is lyke as the Italians sound *a*." There is no doubt that the Italian pronunciation of *a* was the same in the sixteenth century as at present; and hence

* Gil, who was a native of Lincolnshire, but resided in London as head master of St. Paul's School, speaks of six dialects—the common, the Northern, the Southern, the Eastern, the Western, and the poetic; but the exemplifications he gives point as often to differences in grammar and vocabulary as in orthoepy. As instances of fluctuations in pronunciation, evidently with reference to what he calls the *common* dialect, he says that *you* was pronounced both *yow* and *yu*; *toil*, *broil*, *soil*, often *tūil*, *brūil*, *sūil*; *shall* either *shal* or *shawl*; and *buildeth*, differently, *bū'deth*, *biledeth*, *bee'deth*, and *bildeth*. This latter confusion must have arisen, not in popular speech, but from the embarrassment occasioned by a foreign orthography; for though *build* is English, the vowel combination *ui* is not, except in a very few native words beginning with *g* and *q*, in which latter case *u* takes the place of *w*.

it would appear that in Palsgrave's time the normal English sound of *a* was as it is heard in *father*, or what orthoepists generally call the Italian *a*. Palsgrave gives no English example; but though his statement cannot be accepted in its full extent, there seems to be no good reason for doubting that this sound was much more common in older than in more recent English. French words, introduced colloquially, would bring with them the French pronunciation, and in words derived from that source some time would elapse before the vowels would take the sounds belonging to them in English orthography. But the orthography of Churchyard shows that in words of Saxon etymology, as well as in many of French origin, the *a* was in his time pronounced as at present. He expresses this sound by *æ*, and writes *mæk*, *tæm*, *næm*, *mæd*, for *make*, *tame*, *name*, *made*, and *flæm*, *dæm*, *jæm*, for *flame*, *dame*, *fame*. It is a familiarly known fact that *a* had, until within a comparatively recent period, the broad sound, as in *wall*, in many cases where we now pronounce it either as in *father* or as in *hat*. Ben Jonson lays down the rule that this vowel before *l*, followed by another consonant, has always the broad sound, and he gives as examples the words *salt*, *malt*, *balm*, *calm*, in all of which he says the *a* sounds as in *all*, *call*, *small*, *gall*, *fall*, and *tall*. *Bawm* is still the popular pronunciation of *balm* in many English and American localities, but *calm* is seldom or never heard with the broad *a*. Gil says that *balm*, *fault*, and *half* were popularly pronounced *bawm*, *fawt*, and *hawf* (or, in his phonographic system, *bām*, *fāt*, and *hāf*), but that many scholars articulated the *l*; and he writes them *bālm*, *fāult*, and *hālf*.* The French nasal *a* would very naturally be changed in English into the broad *a*, to which it more nearly approximates than to the shorter sounds of this vowel, with which English writers on French pronunciation usually compare it; and accordingly Gil informs us that in *advance*, *chance*, *France*, *demand*, the *a* was sounded broad, as in *tall*, and in *dance* short or broad, indifferently.†

§ 6 In all the European languages the pronunciation of *e* is a subject of much difficulty, for, by almost imperceptible gradations, it runs through the whole scale between *ā* in *fate*, and *eo* in *see*, the latter sound being the equivalent of the Continental long *i*. Gil, in describing the vowels, says *e* is short in *net*, and long in *neat*. The

* Mulcaster, p. 128, says *calm*, *halm*, *calf*, *calves*, *salves*, were pronounced in his time, *carm*, *baum*, *carlf*, *carres*, *sautes*.

† French-English pronouncing dictionaries generally give the *a* in the English *band* as a near approximation to the French *a* nasalized in *sans* - the *o* in the English *bond* as nearly the equivalent of *o* nasal in the French *bon*. The French nasal *a* is much better represented by Gil's *ā*, and the nasal *o* is a closer sound than our short *o*, and in fact approximates nearer to the English long *o*.

short scund *ne* represents by simple *e*, the long by *ē*, and this vowel he distinguishes from the sound of *ee* in *seen*, *keen*, whether in words ordinarily spelt with one *e*, as in *he*, with two, as in the words just quoted, or with *ie*, as in *believe*, *shield*. He also distinguishes long *e* (*e*) from long *a*, which he represents by *u*. His standards for this latter sound are *tale* and *male*, and he employs the character *ā* before the liquid *r*, as well as before other consonants, as, for example, in *care*, *careful*, which he uniformly spells *car*, *cārful*. The long *e* (*ē*) of Gil, then, was neither our *a* in *fate*, nor our *e* in *be*, and he discriminates between them all, not only in the examples I have cited, but in express and unequivocal terms.*

It is not easy to reconcile all Gil's examples with each other, or to determine what precise sound he indicates by the vowel *e*, for he employs it alike in words now pronounced with the sounds of *ē* in *be*, *ē* in *let*, and *ā* in *fate*, and in others again where the present pronunciation is intermediate. In describing the vowels, he cites *neat* as an example of the sound of *ē*, but in his table the standard for it is *beast*, and the combination *ea* is almost always represented in his orthography by *ē*. Thus he writes *dead*, *death*, *head*, *lead* (noun), *pleasure*, *sweat* (present tense), *ded*, *deth*, *hed*, *led*, *plezur*, *swēt*.

* “*Ἰσχυρότην* autem illam magnopere affectant *πυγοστόλοι* nostræ Mopsæ, quæ quidem ita omnia attenuant, ut *a* et *o* non aliter perhorrescere videantur quam Appius Claudius *z*, sic etiam nostræ non emunt *laun* et *kāmbrā*, sindonis species, sed *lēn* et *kēmbrā*; nec edunt *kāpn*, caponem, sed *kēpn*, et fere *kīpn*, nec unquam ligunt *bucherz mēt*, butchers meate, i carnem a lanus, sed *biccherz mīt*. Et quum sint omnes *gntlimin*, non *gentliwamen*, i matronæ nobiles, ancillas non vocant *maīāz* sed *mēāz*.”—*Logonomia Anglica*, second edition (1621), p 17

The only instances in which Gil seems to confound the sound of *ea* and of long *e* with long *i* (*ee*) are in the words *appear*, which he spells *appier*, *near* spelt *nier*, and *dear* spelt *dier*; upon which last word he remarks, “I cum *e* in diphthongum coalescit in *dier* dama vel carus”—*Ibid*, p 15

But the confusion is apparent only, not real. *Dear* and *near* certainly, and *appear* probably, were pronounced with the sound of long *ee*, and did not rhyme with *fear*, in the latter half of the sixteenth century, and doubtless in Gil's time. At that period, almost the only orthoepical sign commonly employed in English was an acute accent, to indicate the long sound of *e* or *ee*, as may be seen in the old editions of Holinshed, and very many other authors of that time. *Dear* was then usually spelt *dēere*, *near*, *nēere*, whereas *fear* and most other words now written with that ending were spelt as at present, and without the accent. Numerous exemplifications of this will be found in Holinshed, as, for instance, on pp 368, 369, 370, 371, vol iii, reprint of 1808

In the rules for the pronunciation of English at the end of Sherwood's English and French Dictionary, London, 1650, the sound of *é* French is ascribed to these diphthongs

“*Ea* & *e* Les diphthongues *ea* & *e* se prononcent *é*, comme *teach*, *deceive*.

“*Ee* *Ee*, diphthongue, on prononce *i*, comme *need*, *seed*, *breed*, *speed*, *creed*” Hence it is evident that the vowel sound in *teach*, *receive*, was not that of *ea* in *need* but was the Continental *e*.

In all these the vowel is now short *e*. *Cleave*, *grease*, *leaf*, *leaves*, *sea*, *mean*, *meat*, *weak*, *wheat*, in all which the vowel, as now pronounced, is the long *e*, he spells *clev*, *gres*, *lēf*, *levz*, *se*, *men*, *met*, *wek*, *whet*. *Break* and *great*, at present sounded as if written *brake* and *grate*, are *brek* and *gret* in Gil's system, and *forbear*, *earth*, *learned*, *swear*, are *forbēr*, *erth*, *lerned*, *swēr*. *Heaven* he spells sometimes *hevn*, and sometimes *hevn*. He also uses the same character to express the vowel sound of *e* in *Grecian*, *these*, *were*, *there*, *perch*, *theirs*, and *they*, writing *Grecian*, *šez*, *wer*, *šer*, *perch*, *šerz*, and *šši*, though in one instance he spells this last word "thei or thai."

Palsgrave, speaking of the French *e*, says—"Sometyne they sounde him lyke as we do in our tonge in *beere*, *beest*, *peere*, *beene*, but *e* in Frenche hath never such a sounde as we use to gyve him in a *beere* [*bier*] to lay a dead corpse on; *peere*, a mate or fellow, a *bee*, such as maketh honny, and as we sound our pronouns *we*, *me*, *he*, *she*." In Palsgrave's time, then, *beast* and *bean* were pronounced, nearly at least, *bāste* and *bāne*, as they still are in Ireland, and provincially in England. Taking this statement in connexion with the fact that Gil distinguishes *ē* from both *ā* and *ī*, and comparing the words which he spells with *ē*, I think we are authorized to conclude that he intended to indicate by it a sound corresponding to that of *ē* in the French *fête*, which, the Anglo-French dictionaries to the contrary notwithstanding, is not the sound of *a* in *fate*, but much more nearly that of *e* in *there*, as usually pronounced in New England. The *e* in *there*, in the New England pronunciation, is the long vowel corresponding to the short *a* in *man*, so that *hair* and *hat*, or, better still, *pare* and *parry*, *care* and *carry*, respectively exemplify the long and short sounds of the vowel.*

Most English orthoepists, I believe, now maintain that the sound of *e* in *there*, and of *a* in *pair*, is identical with that of *a* in *fate*, and say that *pair*, a couple, is precisely equivalent in pronunciation to *payer*, he that *pays*. It is certain that, at least until very re-

* A passage in Harvey's Letter to Spenser, *Haslewood*, n. 281, though written for another purpose, shows that *fair* and other words of like sound had two pronunciations, one of which was probably with the vowel sound of *a* in *fate*, the other that referred to in the text. "Marry, I confesse, some wordes we have indeede, as, for example, *fayer*, eather for beautifull, or for a *Marie*, *ayer* both pro *aëre*, and pro *hærede* . . . which we commonly, and maye indifferently be used eyther wayes. For you shal as well and as ordinarily heare *fayer* as *fate*, and *Aier* as *Aire*." Harvey is here particularly referring to the pronouncing of these words as monosyllables or as dissyllables. Now, by pronouncing them with the *a* in *fa'e*, we inevitably make them dissyllables, because our long *a* is diphthongal; but if we give the vowel the sound of *ē* in the French *fête* they become monosyllabic, because the vowel is simple.

cently, educated persons in America did make a distinction between these sounds, precisely analogous in kind to that between the French *é* and *è*, that is, *a* in *pate* and *payer* bore the same relation to *a* in *pair*, or *e* in *there*, that *é* in *période* bears to *è* in *père*. I cannot help thinking that the English themselves do at this moment, in practice, generally discriminate between these vowel sounds, though theoretically they deny the distinction. But nevertheless, the authority of pronouncing dictionaries is likely to prevail, and thus one of the radical sounds of the language, a sound which is a recognised orthoepical element in almost every known speech, will, not improbably, be banished from the English tongue. The ignorance of grammarians has done much to corrupt our language, the dulness of orthoepists much to confuse our pronunciation. The inability of Walker and his school to distinguish between the sounds we are considering is a fruit of the same obtuseness of ear which led them to confound the *y* final of such words as *society* with *e* in *be*, and thus to obliterate the distinction between the long and short sounds, which characterizes especially the orthoepy of all the Gothic languages. For a reason which will be given in another lecture, the vowel sounds and shades of sound are particularly numerous in those languages, and the Gothic ear was keenly sensible to very subtle distinctions, but we are diverging from their and our own primitive articulation in all points but accentuation, and, unless a reaction takes place, we shall soon be reduced to as meagre a list of vowel sounds as belong to the Spanish or Italian.*

§ 7. The orthoepy of the vowel *i* is attended with less difficulty than that of *e*, and there is reason to think that the long and short sounds it serves to indicate have remained essentially unchanged for centuries. The analogy of the other Gothic languages would lead us to expect to find the short sound wherever the vowel is followed by two consonants in the same syllable, but, contrary to this rule, *i* before *ld* or *nd* is, in English, almost uniformly long. Churchyard indeed gives to *i* in *child* the short sound as in *did*, *will*; but

* By admitting that the words spelt by Gil with *ē* were pronounced with the sound of French *é*, Italian *è*, German and Swedish *ä*, and properly distinguishing this vowel from our diphthongal long *a*, we bring early English orthoepy into harmony with that of the cognate languages, so far as respects a very large class of words common to them all. We are, indeed, still left with the puzzling question, how so many of them have lately acquired the sound of our modern long *e*, the Continental: Of this I confess myself unable to offer a solution, but no philologist will deny that at some period of the English tongue the vowel in most of these words had the sound of the Continental *e*, and it is as easy to explain the change upon the supposition that it took place within two centuries, as upon the theory that it was made in the Anglo-Saxon period.

this is probably either a misprint or a provincialism, for, in the 'Ormulum,' *child*, as well as *bind*, *mind*, *wild*, is spelt with a single liquid, which, in the orthography of that work, indicates that the preceding vowel is long. In *childre*, the plural of *child*, on the contrary, the *i* is made short by reduplicating the *l*; whence it appears that in Ormin's time, or at least dialect, the singular and plural of this noun were distinguished much as at present. We pronounce the noun *wind*, in prose, with the short *i*, in poetry often with the long vowel, but the verb *to wind* is always pronounced with *i* long. Neither of these words occurs in the 'Ormulum,' but there are derivatives from both, and these are spelt with two *nn*, so that in the thirteenth century both probably took the short vowel.*

It is an observation more familiar to foreign phonologists than to ourselves, that the English long vowels are nearly all diphthongs, that is, the proper long sound in combination with that of *e* (the Continental *i*), or in some cases *ū*. Thus our *a* in *day*, and even in *fate*, is really *a* (the Continental *e*) + *e*. Churchyard had detected this, and it is a proof of the acuteness of his ear that he should have made so nice an observation, though he is not always accurate in his resolution of the diphthong. He represents long *a* by *æ*, and writes *make*, *mæk*, *take*, *tæk*, and the like. The diphthongal character of our long vowels, though obvious enough in the case of *a* and *e*, is less so in *o* and *u*, where the subordinate element is the obscure *ū*, but it is very palpable and conspicuous in the long *i*, which is a true diphthong, consisting of the *a* in *father* followed by *e*, and in many Continental languages the same or a very similar sound is represented by the combination *ai*. Churchyard, mistaking the true character of *i* long, expresses it by *ye*, making *y* the principal, *e* the auxiliary vowel, and he writes *whine*, *strike*, respectively *whyene*, *stryeke*. John Knox, who was a contemporary of Churchyard, founded his orthography on a similar principle, but he employs the vowel *i* as the subordinate element, or sign of prosodical length, where Churchyard uses *e*. Thus he spells *make*, *mark*, *beer*, *beir*; *beast*, *beist*; *priest*, *preist*; *like*, *lyik*, *wife*, *wyif*; *restore*, *restoir*; and *book*, *buik*†

Spenser, in his 'Mother Hubberds Tale,' has these lines.—

* Gil, p. 10, spells the noun *wind*, *wjnd*, which indicates the long sound of the vowel.

† Other Scottish and English writers had adopted a similar orthography at an earlier period, but Knox is more consistent and uniform in his adherence to it than King James, Bellenden, or any Scotch writer whose works I have examined.

"Whilome (said she), before the world was civill,
 The Foxe and th' Ape, disliking of their evill
 And hard estate, determined to seeke
 Their fortunes farre abroad, *lycke* with his *lycke* "

Here the *e* serves, not to lengthen the *y*, but as a diæresis, to resolve the diphthong into its constituent parts, and make *like* an iambus. Whenever, in pronouncing such words as *like*, we dwell much on the vowel, it becomes very distinctly diphthongal, and we make the monosyllable a dissyllable, as Spenser, to help at once rhyme and metre, has done. The difference is barely this: in our ordinary pronunciation of the combination *ae*, represented by long *i* in English, we habitually accent the first vowel element, the *a*, and this articulation, *a* being sounded as in *father*, would be expressed by writing "*like*," *lá-eke*; but if we transfer the accent to the *e*, the final element, we make it a dissyllable, *la-éke*.

French words, transferred to English, naturally retain for some time the Continental pronunciation of this vowel, but in most combinations it tends to conform itself to English orthoepy. *Oblige*, for example, in its complimentary sense, is a word recently introduced from France, for this is a meaning unknown to Shakespeare, and, as a word of ceremonial phraseology, it was at first pronounced *obleege*, but it is now almost uniformly articulated with the English sound of *i* long.

§ 8. The vowel *o* is almost as vague and uncertain as *e*. With respect to the long *o*, Gil differs very little from modern orthoepists, but Churchyarde is not so easily reconciled with our present pronunciation. In accordance with his general system of vowel-notation, he represents long *o* by the combination *oe*, and writes in that way most of the syllables now sounded with long *o*, but he applies the same notation to many now pronounced very differently. Thus, school he writes *shoel*, poor *poer*, shoot *shoett*, lose *loes*, good *goed*, blood *bloed*, blush *bloeshe*, and push *poeshe*. On the other hand, Puttenham, in his 'Arte of English Poesie,' denies that *poor*, or even *door*, is pronounced with long *o*. "If one should rime," says he, "to this word (*restore*), he may not match him with *doore* or *poore*, for neither of both are of like terminant either by good orthography or in natural sound."* Ben Jonson ascribes to this letter two sounds. "In the *long* time," observes he, "*o* soundeth sharp and high," and he assimilates it to the Greek Ω. This is evidently our long *o* in *note*, and our author cites that word, together with *chósen*, *hósen*, *hóly*, *ópen*, *óver*, *thróte*, and *fóllý*, as exemplifying it. Jonson, therefore, must have pronounced *fóllý* as if written

* Gil writes *doors*, *dürz*, and of course ascribes to the *oe* in *door* the same sound as we now give to *poor*.

foly, and in several of his poems he rhymes it with *holy*, which, indeed, would now be allowable, not as a perfect rhyme, but by poetic licence. "In the *short* time," continues he, "it soundeth more flat and akin to *u*," and of this he cites as instances the words *cosen*, *dozen*, *mother*, *brother*, *love*, and *prove*. Had he stopped here we should have inferred that *prove* was in Jonson's time pronounced *prūv*, because all his other examples have now the vowel-sound of short *u*. But inasmuch as in a Latin note to this passage he says that this sound was generally expressed in English by double *o*, and that it corresponded exactly to the French *ou*, we should conclude that the *u* to which he compares the short *o* was not the short *u* in *but*, but perhaps the *u* in *full* (which is not related to *u* in *but*, but is a short vowel corresponding to long *oo* in *pool*), and, consequently, that these words were pronounced respectively *coosin*, *doocen*, *mooother*, *broother*, *loove*. In fact, Laneham, Spenser in his Letter to Harvey, and many other authors of the latter part of the sixteenth century, write these very words with *oo*, and the frequency of such rhymes as *love prove*, *love move*, would seem to lend some support to the theory that they were all pronounced as they would be according to our present orthoepy if spelt with *oo*. But the question is by no means so easily disposed of. Gil says that *u* is "tenuis aut crassa: tenuis est in verbo *tu* rz, use ufor; crassa brevis est *u*, ut in pronomine *us*, *nos*;" and in his table of sounds he employs the participle *spun*, as the standard exemplification of this sound; *spoon* (in his orthography, *spūn*), for long *u*. The short sound he indicates by the common form of the vowel, and he spells *dozen*, *brother*, *mother*, *love*, respectively, *duzn*, *brußer*, *mußer*, *luv*, thus directly contradicting Jonson's rule, and assigning to these words a pronunciation precisely like that of our day. On the other hand, he uses the same vowel in many instances where we now pronounce words with the normal sound of *oo*, as, for example, *gud* good, *wud* wood, *wuman* (sing) woman, *ful* full (and all the terminations in *-ful* short also), *push* push, *bush* bush, *wul* wool. Most of these words occur in numerous instances in the 'Logonomia;' and though it seems improbable that they were ever pronounced with the sound of *ū* in *us*, yet they are too carefully distinguished from words with the long sound of *oo* to be supposed to be typographical errors. In the many other words where this very common English sound is met with, Gil's notation is in accordance with modern usage. Gil and Jonson were contemporaries, and both residents of London. To reconcile them seems impossible, and we must therefore conclude that the pronunciation of the words concerning which they disagree was very unsettled.*

* Mulcaster's observations upon the vowel *o* do not aid much in removing

There has been some question whether the present pronunciation of *u* in *nature*, and other like combinations, is of recent origin, but the authority of Gil shows that it was employed in his time, for he distinguishes the *u* in words of that termination both from *u* in *us*, and from the simple long *ū* or *oo* in *ooze*, which he expresses by the character *ū*. He spells *nature* and *literature*, *natur*, *literatur*, employing the same sign as in *use*, which he writes *vz*, and those words must of course have been articulated much as they are at this day.

§ 9. Whether there were any true diphthongs in Old English, and, if not, when they were introduced, is a question which cannot now be answered. In the 'Ormulum' we have the vowel combinations, *æ* represented by a single character, and probably pronounced as a single vowel; *eo*, usually represented in modern orthography and perhaps orthoepy by *ee*; and the vowel and semi-vowel combinations *aw*, *ew*, and *ow*. Besides these, *w* is used before all the vowels, and *i* long may have had the same diphthongal character as at present. After *e* and *o* always, and generally after *a*, the *w* is doubled, which implies that the vowel preceding was short; and the probability is that those combinations were articulated as true diphthongs. The orthography of some old manuscripts seems to indicate a very full and distinct pronunciation of both elements in these last combinations, as, for instance, in the metrical romance of 'Sir Amadace,' published by the Camden Society, where we find *howundes*, *rowunde*, *powunde*, *commawund*, for hounds, round, pound, command (commaund), and in the 'Avowyng of King Arthur' in the same volume, *rowuntable*, *wowundes*, *rawunson*, *encowunturunge*, for round table, wounds, ransom (raunson), and encountering.

§ 10. Consonants, though by no means unchangeable, are more stable than vowels, the law of their mutations is more constant, or at least better ascertained, and they frequently remain fixed in the written, after they have been lost or changed in sound in the spoken dialect*. Hence, in researches into the history of language they are

the difficulty. He remarks, p. 115, "O soundeth as much upon the *u* which is his cosun, as upon the *o* which is his naturall, as in cozen, dozen, mother, which *o* is still naturalle short, and hózen, frózen, móther, which *o* is naturalle long." On p. 152 he explains the apparent discrepancy in his notation of *mother*, by writing *mother*, the female parent, mother, *mother*, a slatternly girl, mother. On p. 116 he writes to, preposition, two, do, undo, remove, with the same sign as cozen, dozen, mother, whence we should infer that the vowel sounds were alike, but he also writes *glove*, *dove*, and *shóre* in the same way. To the word *love* he assigns two sounds, love and love, one being the verb, the other the noun, though it does not appear which part of speech has the grave, and which the acute, accent. The rhyming poetry of that period (1575) might determine this question.

* The French orthography presents a wider discrepancy between the written

of cardinal importance, and consequently have almost exclusively engaged the attention of etymologists, while, on the other hand, their supposed permanence, immutability, and distinctness of character have led them to be much neglected by orthoepists, as elements too constant, obvious, and well understood, to require much investigation or explanation. But, in point of fact, consonants are very far from being so well discriminated, or are such durable constituents of spoken language as is generally assumed. It is true that their differences are, for the most part, more easily appreciated by the ear, though less easily imitated by the tongue, than those between vowels; but he who observes the indistinct articulation of consonants in Danish, the confounding of the hard and soft sounds of *g* in some dialects of Arabic, and of *l* and *r* in the Polynesian islands, the separation in Italian and Spanish of consonants which coalesce in English,* the almost inaudible difference between the two *l* in some Oriental languages, not to speak of numerous other peculiarities of the like sort, will be convinced that our own consonants may deserve and repay a more careful study than English orthoepists have yet given them. The lower classes of the French Canadians habitually confound the mutes *k* and *t*, in certain combinations, and say *mékier*, *mouké* for *métier*,

and spoken dialects than any other European language. Lander in his Conversation with Delille, asks, "What man of what nation, ancient or modern, could imagine the existence of a people on the same globe with himself who employ the letters *eaux* to express the sound of *o*?" In fairness he should have allowed Delille, by way of set-off, to run through the list of sounds, simple and compound, which we express by the formidable combination *ough*. The etymologist of a large proportion of the French vocabulary is traceable only by its written forms, for, as articulated, the words often lose all resemblance to their originals, and it is the suppression or change of consonants that disguises them. Whether the orthography ever represented the pronunciation is very doubtful, and Génin has shown that, some centuries since, the discrepancy was even greater than it is now.

* I think what I have called the *coalescence* of consonants is more marked in English than in any of the sister tongues, except perhaps in Danish. It is particularly obvious in our articulation of *l*, *n*, and *r* followed by another consonant, and of *l* and *r* preceded by another consonant, in the same syllable, our pronunciation of which combinations is of a *diphthongal* character, while in Spanish and Italian these elements are as distinctly and independently articulated as any others. By way of compensation for this confusion of sound, we exaggerate the diæresis of some consonants incapable of thus sliding into each other, and interpose an obscure vowel between them. *Chasm* and other words of similar ending are popularly pronounced as dissyllables, and in *blossom*, *becorn*, *toron*, and *chiron* we have introduced a *tritter* vowel between the *s* and *m* of the radicals. The consonant *m* does not readily unite even with a preceding liquid, and hence the vulgar pronunciation *el'm*, *he'l'm*, for *elm*, *he'm*, and the word *alarum* for *alarm*. It is perhaps in this reluctance of *m* to coalesce with a preceding liquid that we find the explanation of the suppression of the *l* in *lalm*, *calm*, and other words of similar ending.

moitié. The double forms *nuncius* and *nuntius*, and the like, show that the Romans did the same thing, if, as has been supposed, their *c* had always the force of *h*.* An extraordinary instance of this particular confusion occurs in the remarks on pronunciation prefixed to the edition of *Webster's large Dictionary* printed in 1828. In that essay, the lexicographer, whose most conspicuous defects were certainly not those of the ear, after having devoted a lifetime to the study of English orthoepy and etymology, informs the student that "the letters *cl* answering to *hl* are pronounced as if written *tl*; *clear*, *clean*, are pronounced *tlear*, *tlean*. *Gl* is pronounced *dl*, *glory* is pronounced *dglory*."

The pronunciation of the English consonants in general partakes of the stability which marks their articulation in other languages, and there is good reason to believe that it is, in this respect, more accordant with the Anglo-Saxon than are the cognate Scandinavian dialects with their Old-Northern original.

§ 11. The *b* of the English alphabet is very pure and distinct in its pronunciation, showing no tendency to the more explosive articulation of some German dialects, or the more fricative of the Spanish, and I am aware of no reason for supposing that it has undergone any change as an element of English orthoepy †

* The interchange of these mutes explains the double form *tind* (whence *tinder*), and *kindle*.

† The pedant Holofernes in *Love's Labour's Lost* criticizes the pronunciation of the coxcomb Don Adriano de Armado, and calls him a "racker of orthography," because he "speaks *dout* fine, when he should say *doubt*; *det* when he should pronounce *debt*, *d, e, b, t*, not *d, e, t*." The ingenious commentator of the excellent edition of Shakespeare publishing in Boston hence argues that consonants now silent were, in Shakespeare's time, heard on the lips of purists, and that the change from the ancient pronunciation (in which he supposes these consonants to have been articulated), to the modern, in which they are silent, took place between 1575 and 1625, and he cites Butler's Grammar of 1633 to show that at that period *b* was not pronounced in either of the words in question, and was retained in spelling merely to show their derivation from the Latin. The only authority for the position that they ever were pronounced in English is the criticism of Holofernes which I have just cited. Holofernes is at once a pedant and an ignoramus. His English and his Latin are equally barbarous, and the testimony of such a person would be insufficient to establish the position, even if uncontradicted. But the evidence to the contrary appears to me strong, and I am persuaded that there never was a period when the *b* was commonly sounded in either word, though individuals may have been guilty of such an affectation. *Debt* and *doubt* are descended from the Latin words *d e b e o* and *d u b i t o*, but we derived them from the French, not the Latin, at a period when French was as familiarly used in England as English itself, and of course, as in other cases, we took them with the French pronunciation. The arguments of Génin in his *Récréations Philologiques*, and the express words of Palsgrave (p. 26), show satisfactorily that in the French *débite* and *doute*, the old forms of *dette* and *doute*, the *b* was not sounded even when it was written. Robert of Gloucester, in the

The Anglo-Saxon *c* had very probably the double force of the Italian *c*, representing, in different combinations, *ch* and *l*; which latter consonant did not properly belong to the native alphabet, though not absolutely unknown to it. When it preceded *n* at the beginning of words, as in *cneow*, knee, *cniwan*, to know, and *cnotta*, knot, there can be little doubt that it was pronounced, as *l* now is in similar combinations in modern German; but it became silent soon after the Norman Conquest, and *c* has since undergone little if any change of sound.

§ 12. The confusion into which Anglo-Saxon orthography was thrown by the introduction of the Latin and French elements, bringing with them an alphabet differing more or less from the Saxon in the form and power of its letters, soon led to the abandonment of the characters not common to the orthography of both the native and the foreign tongues. The Saxon *þ* and *ð*, representing the two sounds of *th*, which were wanting in Latin and French, were dropped, and though there was much irregularity in the use of substitutes for them, *d* was very frequently employed for the *ð*, and *fa ðer*, father, was accordingly written *fader*. The employment of *d* for two purposes occasioned confusion in orthoepy, and this consonant was not only sounded as *th* in native words originally spelt with *ð*, but it took the *th* sound in some others, and sometimes even in Latin pronunciation. Palsgrave warns the pupil against pronouncing the *d*, in the French words *adoption*, *adoulcer*, "like *th*, as we of our tonge do in these wordes of Latine, *ath adjurandum*, for *ad adjurandum*,

thirteenth century, writes (p 73) *dette*, and p 89, *doule*. *Det*, *dette*, *dout*, *doule*, and *dought*, were the regular spelling until after the Reformation, and numerous examples of these forms occur in Lord Berners' *Froissart*, and in other writers of that and earlier centuries. With the diffusion of classical literature, as I have elsewhere remarked, came in an orthography more consonant to etymology, but it was long before the orthoepy of the reformed words underwent a corresponding change. The combination *bt* is almost unpronounceable. It does not occur in Anglo-Saxon, and in that language even the *pt* of the cognate dialects passes into *ft*. The combination *ct* presents no such difficulty, but we learn from Campton (Haslewood's Collection, ii 187), that in 1602, *perfect*, though the *c* had now been introduced into the written language, was still pronounced *perfet*. Spenser rhymes *set her* and *debtor*, *shout* and *dout*. Gil quotes the verses containing this last rhyme. b iv. c. iii. 41, without remark, spelling *doubt*, *dout*; and on page 83, where there is no question of rhyme, he spells *doubtful* without the *b*. B Jonson, Ep 71 to K James, rhymes *doubt* and *derout*. 73, *letter* and *debtor*; 119, *bet* and *d-bt*. In these cases, as in hundreds of others, the pronunciation of the *b* would have destroyed the rhyme. It is then certain, that, before the Reformation, the *b* in these words was not even written, the testimony of Gil shows that it was not pronounced in 1621; and that of Butler, cited by Mr White, is positive that it was silent in 1633. We have also the evidence of rhyme that it was not pronounced in the interval, and Holofernes is not a credible witness to the contrary.

corruptly." This explains Fluellen's pronunciation of *adversary* as *athversary* in 'Henry V.,' *athvertised* cited in Halliwell, and other like cases. The more general substitution of *th* for *ð* has removed this source of embarrassment, and the consonant *d* seems to have undergone no other change in articulation.

§ 13. *F* had formerly the sound of *v* more frequently than at present. In some provincial dialects it took and still retains the force of *v*, even when initial. Ben Jonson cites the participles *cleft* and *left* as both having the *f* sounded like *f* in *of*, preposition, which he distinguishes as we do from the adverb *off*, and he compares the sound in *of*, *cleft*, to the Latin *v*, that in *off* to the Greek Φ, but Gil ascribes to the *f* in *cleft* its normal sound. The present tendency is to make the plural of nouns in *rf*, like *wharf*, in *fs* rather than *ves*, and *f* in *of* probably retains the *v* sound, only to distinguish it from *off*.

G, in such words as *length*, *strength*, where we consider it a gross vulgarity to suppress it, appears to have been often silent. Churchyard spells these words *leynth*, *streynth*; John Knox *lenth* and *strenth*. The same forms occur in the 'Political Songs' published by the Camden Society, and Halliwell gives several instances of the latter from old manuscript authorities. The combination *gh* was originally a guttural or perhaps a palatal, and it appears to have had this peculiar force even down to the time of Gil. "Græcorum X," says he, "in initio nunquam usurpamus, in medio, et in fine, sæpe, et per *gh* malè exprimimus." He proposes a special character to express this sound, as standards for which he cites *weight* and *enough* in the text, and *bought* in the table. He uniformly employs this character in *high*, *knight*, *though*, *through*, and other words of the same ending, but remarks that, in the common dialect, *enough* was often pronounced *enuff*, instead of with the guttural.

§ 14. The rough aspirate *h* had formerly a much greater importance in the orthoepy of the European languages than it at present possesses.

The Greeks and Romans certainly normally articulated the Grecian rough breathing and the Latin *h*, but the modern Greeks, the Italians, the Spaniards, and the Portuguese, have lost the sound altogether, though they still retain *h* in their orthography. It is scarcely heard in French, except in very emphatic utterance, and some orthoepists deny that it is used at all. The present tendency of all the European languages is to its absolute suppression, and it is not impossible that it may vanish from even our orthoepy as completely as it has done from that of the South of Europe. There seems to have been a good deal of embarrassment with respect to the use of the letter *h* in the Latin language. Manuscripts and inscriptions often omit or misapply it, but its omission where it ought properly to be

THE LETTER H.

LECT. XXII.

aspirated was nevertheless regarded as a flagrant violation of the rules of good taste. "If one," says St. Augustine, freely translated, "contrary to the laws of orthoepy, murders the word *human* by calling it *uman*, without the aspiration, he will more offend his hearers than if he had committed a real homicide"*. The first step towards the abolition of the *h* in English consisted in its suppression before the liquids *l*, *n*, and *r*. In Anglo-Saxon *ladder*, *ladle*, *lady*, *laugh*, were all written with the initial *hl*, the verb to *neigh*, *neck*, *nut*, with *hn*; *ready*, *raven*, *ring*, with *hr*, and this was also the orthography of the same words in the Old Northern. What the precise force of *h* was in this combination is uncertain, but as it is now a distinct rough breathing in these words in Icelandic, it probably had the same sound in Saxon. It disappeared very early from English words of this class, and these combinations do not occur in the 'Ormulum'. A more important change in the use of the *h* was its transposition in words beginning with *hw* (which is rather a Scandinavian than a Teutonic combination), and its gradual suppression in the articulation of that combination. Saxon words beginning with *hw* are, in the 'Ormulum,' in Layamon, and sometimes even in older Saxon authors, spelt with *wh*, and this derangement of the letters has been thought to indicate a difference of pronunciation. But in words of this class, where we pronounce the *h* at all, we articulate it before the *w*, as for instance in *whale*. Although, therefore, in this combination the *h* orthographically follows, it orthoepically precedes the *w*, and this was probably the Anglo-Saxon pronunciation. Many of us remember when in *white* and other words of this class, at least in America, the *h* was always distinctly heard, as it always ought to be. At present it is fast disappearing from this combination. This is a corruption which originated, not with the vulgar, but in French influence and the affectations of polished society. The combination of *h* and *w*, or *h* and *v*, occurs in the Scandinavian languages, but it does not at present exist in German †. In some of the Scandinavian local dialects the *h* is still sounded before *r*, in others it is no longer heard, the influence of the Romance languages having there, as it has in a much more marked way in England, tended to bring about the suppression of the aspiration. The process appears to have commenced at an early period, for Lord Berners wrote, or at least Pynson printed, *wo* and *who*, *were* and

* "Ut qui illa sonorum vetera placita tenent aut docent, in contra discipularum grammaticam, sine aspiratione primæ syllabæ, omnes dixerint, displaceat magis hominibus, quam si contra tua precepta hominem oderit, cum sit homo" — Confr. i. 29.

† Zahn and other earlier philologists recognise *h-* or *h'* as existing in Massachussetts, Diefenbach, or Stamm. Gothic orthoepy, but it is not admitted by Massman, Diefenbach, or Stamm.

where, indifferently, and we may thence infer that the pronunciation had already begun to vacillate. Indeed, we find similar forms in Robert of Gloucester, but these may be dialectic.

§ 15. The liquid *l* appears to have served in many combinations, in both Early English and French, no other purpose than to lengthen, or otherwise modify, the vowel preceding;* but as it was undoubtedly always articulated in Saxon, its suppression in such words as *half*, *calf*, *balm*, *calm*, and the like, is to be ascribed, if not to the reason assigned in a note to a previous page, to Norman influence † In many words of Saxon origin, as for instance in *could* and *would*, it was generally pronounced until a recent period. The old New England pronunciation of these words was *coold*, *would*, and Ben Jonson writes *I'd* for *I'd*, the popular contraction of I would. In Gil's phonographic system the *l* is always written in such words, and it was of course articulated. We have, on the other hand, in conformity to the corrected orthography of many words of French origin, recently introduced it in some cases where it was formerly silent. In the sixteenth century Englishmen wrote and pronounced *soudyours*, *assaut*. At a later period they spelt and articulated the *l* in both; and it is worth noticing that the French have done the same thing with respect to the former word, the *soudard* of older writers, itself a corruption of a still earlier form, *souldard*, having become the *soldat* of recent times. There are many instances in the English poetry of the sixteenth and earlier centuries, where the liquid *l* stands for a syllable of itself. For example, the preterites or participles *dazzled* and *humbled* must have been pronounced as trisyllables, *dazzeled*, *humbeled*. Traces of this pro-

* In English words of French extraction *l* was often silent: thus Carew, in the middle of the seventeenth century, as appears by a passage quoted by Albione, under Curcw, pronounced *fault* with a silent *l*, for he rhymes it with *laurate*.—

"Tom Carew was next, but he had a *fault*
That would not well stand with a *laureat*."

† Laneham, in 1575, wrote *s'ro* for scroll. This pronunciation suggests a probable etymology for a word which has much embarrassed lexicographers. The Icelandic noun *skrá* means *skin* or *parchment*, whence the verbs *skrá* and *skrásetja*, to write or record. From *skrá* comes the old Danish *Skræa*, (pronounced *skro*), a written ordinance or law, and I think also our *scro'l*, and the Norman-English *escrow*. *Scrowis* occurs in Wycliffe (Matt. xxiii. 5)

In *Richard Coer de Lion*, Weber, ii. 133, we find:

"Looke every marrys name thou vryte
Upon a *scrowis* of parcheymn, &c."

And in Capgrave, p. 260: "In this tyme the Lolardis set up *scrowis* at Westminster and at Poules, with abhominable accusaciones of hem that long to the cherch," &c.

nunciation yet remain. Ignorant persons call the elm-tree *ellum*, and *hellum* is the regular nautical pronunciation of *helm*.*

The former English pronunciation of the letter *r* was probably much the same as in the modern French "*R*," says Ben Jonson, "is the dog's letter, and *hurrelth* in the sound, the tongue striking the inner palate with a trembling about the teeth. It is sounded firm in the beginning of words, and more liquid in the middle and end, as *rarer*, *riper*."

§ 16 The Anglo-Saxon alphabet, as I have more than once had occasion to observe, had two characters corresponding to those of the Icelandic to express the two sounds of *th*, which are absurdly distinguished by many grammarians as respectively the *flat* and *sharp* articulations. According to analogy with the Old Northern, the character þ should represent *th* in *thin*, or the Greek Θ, θ, *th* in *this*, or the modern Greek Δ, and there is little doubt that this was their original force. But in Anglo-Saxon manuscripts the two are often confounded or interchangeably employed, and some grammarians have even supposed that in that orthography their sounds were precisely the reverse of those appropriated to them in the Scandinavian alphabet. In any event it seems quite certain that we have in many cases substituted the hard sound for the soft, and the contrary, though we cannot determine when the change took place.

§ 17. The recent introduction of the *w*, in the combination *wh* in several words, is remarkable. *Whole*, in the Saxon root, and the corresponding word in the cognate languages, were without the *w*, and *whole* and its derivatives were usually written without it in English until the latter part of the sixteenth century.† So *hot*, which in Anglo-Saxon was spelt with *h* only, occasionally received a *w* at the same period. *Whortleberry* is an instance of the same sort. Whether the *w* was ever articulated in *whole*, *wholesome*, or *hot*, we cannot determine, but it is difficult to account for its introduction on any other supposition. On the other hand, this semivowel has been rejected from the orthography of many words where it was once written and pronounced, and it is silent in pronunciation in many words where it is still written. Several Saxon words began with *wl*. These are all, I believe, obsolete, though we have derivatives of two of them in *wlukewarm*, and *loth*, *loathe*, and *loathsome*. These last words, as well as one or two others, retained the initial *w* until the fifteenth century, and it doubtless had some orthoepical force, though

* See note at page 349

† *W* is possibly be from the Anglo-Saxon *w* a l g; but the etymological analogies of the sister-tongues are to the contrary, and as *w* never entered into the orthography of *whole* until Anglo-Saxon was forgotten, the derivation from *hal* is more probable.

we cannot pronounce upon its precise character. It was unquestionably anciently articulated before *r*, in such words as *write*, *wrong*, *wrench*, &c. What its precise force was cannot now be ascertained, but it appears to have had a distinct sound in such combinations, to near the end of the sixteenth century, and even later if the authority of Mulcaster and Gil is to be relied on. The former says in express terms that *w* is a consonant in the word *wrong*, and Gil, whose phonography rejects all silent letters, retains the *w* in *wrath*, *wrathful*, *wretch*, and *wretched*.

From these remarks it will be evident that our present subject is involved in great obscurity, but, nevertheless, it seems a safe conclusion, that the pronunciation of our language has been upon the whole considerably softened, perhaps it would be more accurate to say, has become more confused, within the last two or three centuries, and is less clear, distinct, and sonorous than it was in earlier ages. I have endeavoured to show, in a previous lecture, that the art of printing is exerting a restorative influence on English pronunciation. The study of Anglo-Saxon and Old-English grammar will be attended with like results. We may therefore hope that the further corruption of our orthoepy will be arrested, and that we may recover something of the fulness and distinctness of articulation which appear to have characterized the ancient English tongue.*

* [On the subject of this lecture the student may consult with advantage a paper by Dr. Guest, 'On Orthographical Expedients,' in the *Transactions of the Philological Society*, vol. iii. p. 1 seq.—ED.]

NOTES AND ILLUSTRATIONS.

ON THE CONNEXION BETWEEN ORTHOGRAPHICAL AND SYNTACTICAL CHANGES
(See p 336).

The following remarks will illustrate what I mean by the connexion between orthoepical and syntactical changes. In all languages, and especially in those where there is a marked tendency to the coalescence of successive articulations, as in Greek and in English, the pronunciation of consonants is much affected by the character of the sounds which precede or which follow them. In modern Greek, α , preceded by γ or by ν , takes the sound of our g hard, and $\alpha\gamma\alpha\rho\omega$ is pronounced *ang-góphō*; if τ is preceded by ν , the τ assumes the sound of μ , and the π of the English b ; consequently $\sigma\upsilon\tau\alpha\rho\omega$ is pronounced *seem-bōh-nōh*, τ following ν generally sounds d , and $\epsilon\tau\alpha\theta\eta$ is articulated *en-dōf-thah*; τ preceded by μ is sounded as the European b . The consonantal sounds b and d begin no Greek word, and in writing foreign names and borrowed words in which those sounds occur, the Greeks use for b the combination $\mu\epsilon$, for d , the combination $\nu\epsilon$, so that *Byron* is spelled $\beta\upsilon\rho\omega\nu$; *Rob* would be $\rho\acute{o\beta\epsilon\mu$, *dead*, $\nu\epsilon\tau\tau$, and *double*, $\nu\acute{o\beta\alpha\lambda$. It is conceivable that foreign influence or other causes may so modify the inflexions and syntax, that those finals and initials, which never occur in succession in one stage of a language, may very frequently be brought together in another, and, by their reciprocal influence, much modify the general articulation of the speech.

Other interesting illustrations of the influence of articulations on each other will be found in the learned and curious *History of the Greek Alphabet* by Professor Sophocles, second edition, Cambridge, United States, 1854.

On page 224, and in a note on page 225, I mentioned instances where the grammatical use of words had been changed for orthoepical reasons. Another example where the form of a word has been affected by the confusion of sounds is in the phrase "God 'ild you," which

occurs in *As You Like It*, in 3, and v. 4. In Sylvester's *Dubartas*, edition of 1611, IIII Book, IIII Day of the II week, we have the form "God dild you." Speaking of the lover who discovers that his mistress owes her fine complexion to art, he says,—

"His cake is dough, God dild you, he will none,
He leaves his smut, and thus he saith anon," &c

Gabriel Harvey, in a letter to Spenser (Hazlewood, ii. 300), writes the phrase, "Goddilge yée." "Yours Latine Farewell is a goodly braue yunkerly péece of work, and, Goddilge yée, I am always marvellously beholding vnto you for your bountifull titles." These three forms are evidently one word. Where a consonant is repeated, we generally articulate it but once, and therefore "God 'ild" and "God dild" are hardly distinguishable by the ear. Dilge, again, is explained by the coalescence of the consonant d with the consonantal y of the following pronoun. The English g soft or j is generally considered as a compound consonant consisting of d and sh , but it may, with greater accuracy, be resolved into d and y consonant. If to the word *year* we prefix a d , we obtain *jeer*, and d +*year* more truly represents this sound than d +*shear*, which is, very nearly, d + s +*year*. Hence, *God dilge ye* is, in sound, almost exactly equivalent to *God 'ild ye*.

Although English articulation has long tended to insert the y consonant where it does not belong, rather than to suppress it where it does, yet the examples collected in *Nares* under *God 'ild*, as well as the concurrent use of *God yield* in similar combinations, show almost conclusively that the latter is the original, the former a corrupted form. The etymology, *God shield*, is quite improbable. Halliwell, *Glossary*, gives *dilde*, to protect, as Anglo-Norman, but he cites no authority, and I find no evidence of the existence of such an Anglo-Norman word.

/ LECTURE XXIII

RHYME.

§ 1. Poverty of the English language in rhymes § 2. Riceness of the Romance languages in rhymes. § 3. Absence of rhymes in Greek and Latin § 4. Repetition of sounds § 5. Origin of rhymes. § 6. Opinions of Roger Ascham, Sir Philip Sidney, Ben Jonson, and Milton on rhyme. § 7. Predominance of rhyme. § 8. Influence of grammatical inflexions upon prosody. § 9. Licences in rhymes.

§ 1. AN important difference between the great classes of languages which we have considered in former lectures—those, namely, abounding in grammatical inflexions, and those comparatively destitute of them—is the more ready adaptability of the inflected tongues to the conventional forms of poetical composition. In other words, they more easily accommodate themselves to those laws of arrangement, sequence, and recurrence of sound—of rhythm, metre, and rhyme—by which verse addresses itself to the sensuous ear, and enables that organ, without reference to the subject, purport, or rhetorical character of a given writing, to determine whether it is poetry or prose. An obvious element in this facility of application to poetical use is the independence of the laws of position in syntax which belongs especially to inflected languages, for it is evidently much easier to give a prosodical form to a period if we are unrestricted in the arrangement of the words which compose it, than if the parts of speech are bound to a certain inflexible order of succession. Metrical convenience has introduced inversion among the allowable licences of English poetry, and some modern writers have indulged in it to a very questionable extent; but at all events its use is necessarily very limited, and it cannot be employed at all without some loss of perspicuity. A more important poetical advantage of a flexional grammar is the abundance of consonances which necessarily characterizes it. Wherever there are uniform terminations for number, gender, case, conjugation, and other grammatical accidents, where there are augmentative, diminutive, and frequentative forms, there of course there must be a corresponding copiousness of rhymes. English, possessing few inflexions, has no large classes of similar endings. On the contrary, it is rich in variety of terminations, and for that reason poor in consonances. The number of English words

which have no rhyme in the language, and which, of course, cannot be placed at the end of a line, is very great. Of the words in Walker's 'Rhyming Dictionary,' five or six thousand at least are without rhymes, and consequently can be employed at the end of a verse only by transposing the accent, coupling them with an imperfect consonance, or constructing an artificial rhyme out of two words. Of this class are very many important words well adapted for poetic use, such as *warmth, month, wolf, gulf, sylph, music, breadth, width, depth, silver, honour, virtue, worship, circle, epic, earthborn, iron, citron, author, echo*, others, like *courage, hero*, which rhyme only with words that cannot be used in serious poetry, others again which have but a single consonance, as *babe, astrolabe, length, strength*. Our poverty of rhyme is perhaps the greatest formal difficulty in English poetical composition. In the infancy of our literature it was felt by Chaucer, who concludes the 'Complaint of Mars and Venus' with this lamentation —

" And eke to me it is a great penaunce,
Sith rime in English hath soch scarcite,
To follow word by word the curiosite,
Of Graunson, flour of hem that make in Fraunce."

The successors of Chaucer have felt the burden of the embarrassment, if they have not echoed the complaint.

Walker's 'Rhyming Dictionary' contains about thirty thousand words, including the different inflected forms of the same word. In this list the number of different endings is not less than fourteen or fifteen thousand; and inasmuch as there are in the same list five or six thousand words or endings without rhyme, as I have already stated, there remain about nine thousand rhymed endings to twenty-five thousand words, so that the average number of words to an ending, or, which comes to the same thing, the number of rhymes to the words capable of rhyming, would be less than three. The 'Rhyming Dictionary' indeed contains scarcely half the English words admissible in poetry, and, of those that form its vocabulary, many are wholly un-English and unauthorized, but there is no reason to suppose that the proportions would be changed by extending the list.

§ 2 If we compare our own with some of the Romance languages, we shall find a surprising difference in the relative abundance and scarcity of rhymes.

The Spanish poet Yriarte, in a note to his poem 'La Música,' states the number of endings in that language at three thousand nine hundred only, among which are a large number that occur only in a single word. Now, as the Spanish vocabulary is a copious one, we shall be safe in saying that there are probably more than

thirty thousand Spanish words capable of being employed in poetry. The inflexions are very numerous; and while our verb *love* admits of but seven forms, namely, love, loves, lovest, loveth, lovedest, loving, and loved, the corresponding Spanish verb *amar* has more than fifty. Nouns distinguish the numbers; pronouns and adjectives generally, and articles always, both genders and numbers; and we may assume that the words, upon an average, admit of at least three forms. This would give about one hundred thousand forms with less than four thousand endings, or twenty-five rhymes to every word. This is but a rough estimate, and it must be observed that, from the strictness of the laws of Castilian prosody, as compared with the Italian, many rhymes which Tasso would have used without scruple would be disapproved in Spanish, except in ballads and other popular poetry. Words of the *same class*, whose consonance depends wholly on grammatical ending, are sparingly coupled, and absolute coincidence of sound is disallowed, as in most other languages. Hence, while *amaba* and *callaba* would be regarded as a licence, *halla* *ba* and *calla* *ba* would be inadmissible. For this reason, and because also the article and other unimportant words cannot well be used at the end of a verse, the number of Spanish rhymes available in practice is considerably less than the calculation I have just given would make it.

I am inclined to believe that the endings are more numerous, and consequently the rhymes fewer, in Italian than in Spanish, although still very abundant as compared with the poverty of English consonances; and this may explain the greater freedom of the Italian poets in the use of them. Tasso even employs identical rhymes almost as liberally as Gower; and in the second canto of the '*Gerusalemme Liberata*' I find the following pairs.—*Viene conviene*, face verb and face noun, *voti devoti*, *immago mago*, *impono appone*, *irresolute solute*, *riveli veli*, *esecutrice vendicatrice*, *volto participle* and *volto* noun, *spiri sospiri*, *lamenti rammenti tormenti*, *sole console*, *compiacque piacque*, and nearly twenty more equally objectionable on the score of too perfect consonance.

Poverty in rhyme is one of the reasons why the talent of improvisation, so common and so astonishingly developed in degree in Italy, is almost unknown in England and America.* Besides

* To those who have not witnessed the readiness and dexterity of Italian improvisatori, their performances are incredible, and they are perhaps even more inexplicable to those who have listened to them. The following is an instance which fell under my own observation. An eminent improvisatore, in spending an evening in a private circle, was invited to give some specimens of his art. He composed and declaimed several short poems on subjects suggested

the ease of rhyming, the general flexibility of the Italian language, and its great freedom of syntactical movement, as compared with the rigidity of most other European tongues, adapt it to the rhythmical structure of verse as remarkably as the abundance of similar inflexional endings facilitates the search for rhymes. It is this quality of flexibility of arrangement which gives it so great an advantage over the Spanish in case of versification, notwithstanding the greater number of like terminations in the latter. The structure of the Spanish period, whether in poetry or in prose, is comparatively cumbrous and formal; there are fewer dactylic feet, and less variety of accentuation, and hence it does not so readily accommodate itself to a metrical disposition of words as the Italian, which has the additional convenience of dropping or retaining the final vowel in many cases at pleasure.

§ 3. It has been thought singular that with the multitude of like terminations, and the great sensibility of the Greek and Latin ear, neither rhyme, alliteration, nor accent should have become a metrical element, but that, on the contrary, repetition of sound in all its forms should have been sedulously avoided. But the very abundance of similar endings suggests the reason why they were not used as a formal ingredient in the structure of verse. That which constantly forces itself upon us, we do not seek after, but rather aim to avoid. It would therefore have been a departure from the principles of a taste so fastidious as that of the classic ages, artificially to multiply and emphasize coincidences of sound which, by the laws of the language, were continually presenting themselves unsolicited. The frequent recurrence of like sounds in those languages was unavoidable, it was a grammatical necessity; and if such sounds had been designedly introduced as rhymes, and thus made still more conspicuous, they could not but have been as offensive to the delicacy of ancient ears as excessive alliteration is to our own. To them such

by us, with scarcely a moment's preparation. They were in a great variety of metres and very often accommodated to *its rhymes*, or blank rhymes, furnished by the party, and purposely made as disparate as possible. In one instance he communicated to me privately the general scope of thought to be woven into a sonnet, and proposed that the party should furnish the blank rhymes, a subject, and two lines from any Italian poet which might occur to us. He was then to accommodate the proposed train of thought to the rhymes and the subject, and to introduce the two verses which should be suggested. The rhymes were prepared, and the subject given was *the Penitence*. I remember but one of the lines which he was required to interweave. It was,

"Vattene in pace, alma beata e bella!"
(Depart in peace, fair and blessed soul!)

The sonnet, really a very spirited one, was composed and ready for delivery in less time than we had spent in collecting and arranging the rhymes.

obvious coincidences appeared too gross to be regarded as proper instrumentalities in so ethereal an art as poetry, and they constructed a prosody depending simply upon the subtlest element of articulation, the quantity or relative length of the vowels.

The fastidiousness of taste increases with its refinement, and indeed, in many cases, the one is but another name for the other. When the poetic forms of classic Greece and Rome became more multifarious, and the rules of prosody and metrical structure more and more distinctly defined, we observe greater care in the avoidance, not merely of end-rhymes, but of all repetitions of sound, both in poetry and prose. There are some traces of the employment of rhyme and assonance in mere popular literature at a very remote period, and though none of the great poets of antiquity are supposed to have intentionally introduced either, yet their comparatively frequent occurrence in the works of Hesiod seems to show that in his time no very great pains were taken to exclude them. The extant works of Hesiod comprise about twenty-three hundred lines or verses, and I find in these poems thirty pairs of consecutive rhymes, and about twenty instances where the same termination occurs with one or two intervening verses. In twice that number of verses in the 'Iliad' and the 'Odyssey' I observe but twenty pairs of consecutive rhymes, generally repetitions of the same words, and about thirty recurrences of rhymes separated by one or two lines. The difference between the two poets is not likely to have been accidental, and it is not improbable that the more numerous critical revisions which the works of Homer passed through eliminated some instances of what to the Greek ear was offensive. The rhymes in Hesiod in many cases occur in catalogues of proper names, and it is possible that they were designedly employed as helps to the memory, which would be more needed in a mere list of names than in a connected narrative. It should be observed, with reference to both Hesiod and Homer, that the ancient accentuation in many instances doubtless made the rhymes much less conspicuous to the ear than they are by the modern modes of scanning; but still they could hardly have failed to be noticed.

The ancients in general avoided resemblances of sound in prose with almost equal solicitude, though they were perhaps even less scrupulous with regard to the repetition of the same word than we are in English; but there are passages in some of the more primitive prose writers where coincidence of syllable seems almost sought for. There is an example of this in Herodotus,* familiar to every schoolboy.—

τοῖσι παρὰ σφίσι γινομένοισι κροκοδείλοισι τοῖσι. ἐν τῇσι αἵμασι

The monotony of this passage must have struck every ear; and if, as some suppose, the ancient Greeks, like the modern, pronounced the diphthong *oi* like *i* or our long *e*, the effect of so many repetitions must have been still more disagreeable. It would seem, then, that in the less artificial periods of Greek literature, coincidence of sound, in poetry and prose, if unsought for, was yet not very scrupulously avoided, and the systematic rejection of it is one of the refinements of a later age. There are, however, many instances where fastidious Greek and Latin writers of the most polished ages of ancient literature have, intentionally or unintentionally, admitted more or less perfect consonances and repetitions of sound. Ovid has many rhyming couplets, and Cicero says in prose, "*bellum autem ita suscipiatur ut nihil aliud nisi pax quaesita videatur*" Landon notes that the great orator in one of his moral treatises uses the verb *possum* in some of its forms seven times in fourteen lines. The same critical trifler has spent some of his many hours of laborious idleness in hunting up cacophemies of various sorts in Plato, to whom he seems to owe a particular grudge; but, nevertheless, it was certainly a rule of both Greek and Latin composition, that all coincidences of sound, except those of quantity in verse, were to be avoided.

§ 4. Notwithstanding the modern love of consonance, we in general abstain from it where it is not essential to the form of composition employed, and a rhyming couplet in blank verse, except occasionally at the end of a paragraph in dramatic or dithyrambic poetry, is felt at once as an unwarrantable licence. Rhyme strikes us no less disagreeably if it happens to occur between two emphatic words in prose, as does also a metrical structure, which, unless it is wholly accidental, has much the same effect as a dancing step in the walk of a reverend senior. Those who are acquainted with the admirably told German tales of Musæus will remember the comic, mock-heroic air thrown over the narrative by the occasional introduction of a succession of iambs, and our newspapers often contain prose articles rendered equally ludicrous by interspersing rhyming words now and then. There are indeed instances in rhetoric, both ancient and modern, of the happy employment of like sounds, but the attempt to introduce them artificially into oratory generally serves no other purpose than to exemplify the proverb, and to prove experimentally that "there is but a step from the sublime to the ridiculous." It is remarkable that neither the fine ear of Fisher Ames, nor the taste of his dignified audience, was offended by the repetitions of sound in a passage of his celebrated speech on the British Treaty.—"This day we undertake to render account to the widows and orphans whom our decision will *make*; to the wretches that will be roasted at the *stake*; to our country," &c &c. Here, of course, the consonance could not have been other than an acci-

dental one, but it does not appear to have been noticed as a blemish, though in general such coincidences are peculiarly disagreeable. The Spanish ear is so nice on this point, according to an eminent writer of that nation, that the *asonante*, or imperfect rhyme, where the vowels are the same, with different consonants, as *fame, state, make, cane*, though it is employed as an element of verse in certain poetic forms, is offensive in prose, if the *asonantes* happen to terminate two or three phrases or members of a period in near succession.*

There is perhaps a further reason why coincidence of sound should have been unsought on the one hand, and disregarded on the other, if it chanced to occur in Greek poetry. The bardic lays of ancient Greece were probably not committed to writing, and they were chanted or sung at entertainments, public or private. Now, though persons taught the modern schoolboy sing-song way of reading poetry strongly emphasize the rhyme, yet in singing, or in modulated recitation, we scarcely observe it when it occurs, or miss it when it does not. We cannot indeed positively say that a like difference existed between ancient reading and chanting, but it is not violently improbable that, when the 'Theogony' or the 'Works and Days' of Hesiod were sung by the author or his successors, his rhymes may have passed unnoticed, and with respect to Homer, whose immortal poems were handed down from age to age by oral delivery and transmission, it may be supposed, as already hinted, that when they were written down, and edited, as we know they were, by a long succession of copyists and scholiasts, original peculiarities, now felt to be unpleasant departures from the received canons of poetry, were struck out.

§ 5. To discuss the historical origin of rhyming versification would lead me too far from my subject. The word *rhyme* is not derived from the Græco-Latin *rhythmus*. It is of original Gothic stock, and ought to cast off the Greek garb, in which the pedantic affectation of classical partialities, and the desire to help the theory that ascribes to the thing, as well as to the name, a Latin origin, have dressed it. The proper spelling is simply *rime*, and though rhyming cannot be shown to have been practised among the Gothic tribes earlier than elsewhere in Europe and the East, yet it probably sprang up among them spontaneously, as the natural poetical form of the language, just as it did among some of the Oriental nations. In any event, the current supposition that its first invention belongs

* "Aun en la prosa les ofende el mero asonante quando se halla en palabras que terminan el sentido de frases poco distantes unas de otras"—YRIARTE, notes to *La Muxca*.

to the monkish poetry of the middle ages, and that other modern theory which traces it to the Celtic bards, rest alike on a very insufficient foundation. But whether it was indigenous to the Gothic nations or not, it fell in so naturally with the love of alliteration and other coincidence of sound which characterizes all the branches of that great family, that it found ready acceptance among them as soon as models of rhyming versification were presented to them.

§ 6 The passionate admirers of classical literature in the sixteenth century stoutly opposed the employment of rhyme, as a barbarous innovation on the consecrated forms of the art. Roger Ascham says that Cheke and Watson held our "rude beggarly rhyming" to have been first brought into Italy by Gothes and Hunnes,* and that to "follow rather the Gothes in rhyming than the Greekes in trewe versifying, were even to eate acorns with swyne, when we may freely eate wheate bread amonges men." Sir Philip Sidney complains of contemporaneous English poetry that "one verse did but beget another;" and so the whole became "a confused masse of words with a tinkling sound of ryme barely accompanied with reason."** But this is probably to be regarded less as a censure of the use than the abuse of rhyme, for, though he himself composed in almost all known ancient metres, yet he wrote by preference in rhymed verse, and used double, triple, and compounded rhymes with great freedom. He moreover formally defends rhyme in the following passage:—

"Now of versifying there are two sorts, the one ancient the other moderne: the ancient marked the quantitie of each syllable, and according to that framed his verse: the moderne observing only number, with some regard of the accent, the chief life of it standeth in that like sounding of the words, which we call ryme. Whether of these be the more excellent would beare many speeches, the ancient, no doubt, more fit for musicke, both words and time observing quantity, and more fit lively to expresse divers passions, by the low or lofty sound of the well-weighed syllable. The latter likewise with his ryme striketh a certain musicke to the ear; and in fine, since it doth delight, though by another way, it obtaineth the same purpose, there being in either sweetnesse, and wanting in neither majesty, and truly the English, before any vulgar language I know, is fit for both sorts."

Ben Jonson's opinion of rhyming verse was more unfavourable and he thus expresses his dislike of it:—

"Rime, the rack of finest wits,
That expresseth but by fits
True conceits,

* *Defence of Poesie*, ninth edition, p. 561.

Spoiling senses of their treasure, -
 Cosening judgment with a measure,
 But false weight.

Wresting words from their true calling,
 Propping verse for fear of falling
 To the ground ;
 Joining syllables, drowning letters,
 Fasting vowels, as with fetters
 They were bound.

He that first invented thee,
 May his joints tormented be,
 Cramp'd for ever !
 Still may syllables jarre with time,
 Still may reason warre with rime,
 Resting never," &c &c

Milton condemns rhyme as "the invention of a barbarous age, to set off wretched matter and lame metre, grac't indeed since by the use of some famous modern poets, carried away by custom, but much to their own vexation, hindrance, and constraint, to express many things otherwise and for the most part worse than else they would have exprest them a thing of itself to all judicious eares triveal and of no true musical delight;" and he congratulates himself on having in 'Paradise Lost' set the first example in English epic of avoiding "the jingling sound of like endings," and thus restored "to Heroic Poem ancient liberty from the troublesome and modern bondage of riming."

It can hardly be said that Milton's experiment was a successful one, for the slowness with which his great poem won its way to public favour is doubtless in some measure to be ascribed to its rejection of what the English ear demanded as an essential constituent of the poetic form. Milton has had many imitators, but blank verse has as yet established itself as a legitimate mode of English versification only in the heroic metre. The final rejection of rhyme from the metrical system of our language is as improbable, indeed as impossible we may say, as the abandonment of accentual rhythm and the return to prosodical quantity

§ 7. Until the seventeenth century, the ear of modern Europe was so little wearied with rhyme, that, in spite of the protestations of the classical school, it fairly revelled in this new element of metrical sweetness. The same rhyme was often carried through a great number of verses, and in many poems all the stanzas have the same set of terminations; a sufficient variety to satisfy the taste of the times being obtained by differently arranging the rhymes in consecutive stanzas. Satiety at last produced a reaction which concurred with other influences in restricting the use of like endings, and we often meet with evidences of a disposition to avoid the use of

repetitions of sound in prose. Thus the Germans say *Auf- und Niedergang* for *Aufgang und Niedergang*, the Spaniards *facil-y subitamente* for *facilmente y subitamente*, and we *fair- and softly*, for *fairly and softly*. The Tuscan canzone, in which the consonances are "few and far between," shows that even the rhyme-loving Italian feels the necessity of making the recurrence of this ornament less frequent, and its regularity less palpable, in the highest order of lyric poetry than in lighter compositions. The modern licence in the use of rhymes has grown, in great measure, out of a weariness of perpetual repetition, but it is partly founded on the example of earlier poets, who are mistakenly supposed often to have used imperfect rhymes, when in fact, in the orthoepy of their times, the consonance was complete.

§ 8 The articulation, and, consequently, the prosody of languages, are much affected by the character of their grammatical inflexions. Where inflexions exist, the syntactical relations of the words and the intelligibility of the period depend upon them, and they must consequently be pronounced with a certain distinctness. The orthoepy of most languages inclines to make the inflexional element conspicuous. If it consists in the addition of syllables to the radical, then a principal, or at least a secondary accent will fall upon some of the variable syllables. The vowels, though few in number, will be of frequent occurrence, open in articulation, and broadly distinguished from each other. The consonants will be clear and detached in their pronunciation. If inflexion is made by vowel-change, the vowels will be numerous and subtly distinguished, and the consonants, though more numerous, will become relatively less prominent. Examples of this may be found on the one hand in the small number of vowel-sounds and the clear staccato articulation of the consonants in Italian and Spanish, and on the other in the obscurity of the consonants and the multiplied shades of vowel-sound in the Danish. So long as the predominant mode of inflexion in English was by the letter-change, the attention was constantly drawn to the essential quality of the vowel, and even a slight difference in this respect struck the ear more forcibly than at present, when inflexion by terminal augment is so common. Hence, a departure from the law of strict consonance was much less likely to be tolerated, and I am persuaded that the number of imperfect rhymes in old English authors will be found to be constantly fewer as we advance in the knowledge of their orthoepy.

§ 9 After the introduction of Norman words, with their augmentative inflexions, the system of letter-change fell into great confusion, and all well-grounded principle of declension and conjugation seems to have been lost sight of. The derangement of the strong inflexions continued for centuries, and the poets took advantage of this

to vary the characteristic vowel in almost any way that suited the convenience of their rhymes. Guest sneers at the ignorance of those who suppose that Spenser's licences in this respect were unauthorized innovations of his own, but I cannot assent to this view of the subject. For though Spenser may have found in ballads and other popular literature precedents for most of his inflexional extravagances, yet some of them, at least, were violations of the analogies of the language, and without the sanction of any real authoritative example. But the licences of Spenser were by no means limited to anomalous vowel-changes, for he abbreviated or elongated words for the sake of rhythm or consonance as unscrupulously as he substituted an open vowel for a close, or the contrary. We have already seen that he resolved the diphthongal *i* into its elements, and made *like* a dissyllable rhyming with *seek*, and with equal boldness he cuts down *cherish* to *cherry*, that he may pair it off with *merry*, *embathe* to *embay*, for the sake of a rhyme to *away*, and converts *contrary* into a verb by dropping the final vowel; on the other hand, he lengthens *nobless* into *nobeless*, and *dazzled* into *dazzeled*. Thomas Heywood uses double and triple rhymes with much grace and dexterity, and it is the more remarkable that so expert a versifier should have allowed himself to disguise so important a word as *Deity* for the sake of a consonance:—

“By the reflex of iustice and true piety,
It drawes to contemplation of a Diety.”

This, however, is but a tame licence compared to that by which, in the third book of the ‘*Hierarchie*,’ he reduces the goodly polysyllable *intoxicated* to the humble form of ‘*toxt*.* But Heywood, like many old English writers, was of opinion that man is the lord, not the slave of language, and he often proved a hard master to the words that served him.

The great number of English words which are incapable of rhyme, and the few which agree in any one of our numerous endings, reduce the poet to a very limited variety of choice, and there are many pairs of words which are found as invariably together as *length* and *strength*, *breath* and *death*, or *wealth* and *stealth*, *gold* and *cold*. When you see *frivolity* at the end of a line, you do not need your eyes to tell you that *jollity* cannot be far off; *mountains* and *fountains* are as indissolubly united in rhyme as they are in physical geography; and if a poet qualifies an object as *frigid*, he never fails to inform you in the next line that it is also *rigid*.

* On the same page (edition of 1635, p 134), there is a catachresis in the employment of *indenturing*, which makes it very enigmatical to all readers except those who know how legal indentures were anciently drawn up and cut apart.

The consequence of this perpetual repetition is a weariness of all exactness in rhymes, and a tendency to great licence in the use of imperfect consonances. The proper relief is to be found, not in a self-indulgent laxity, a repudiation of the fetters of verse, but in a bold return to the poetical wealth, both of form and substance, of our ancient tongue; and the certainty that we shall there find unexhausted, though long neglected, mines of ores and gems, should be, for poetic natures, an argument of no small force for the study of primitive English.

There are, in both the Gothic and the Romance languages, equivalents or substitutes for rhyme, some of which have not been employed at all, others not systematically, in English poetry. The introduction of them well deserves inquiry, and the character of these devices, and the possibility of their restoration as metrical elements, will be considered and illustrated in other lectures.

X LECTURE XXIV.

ACCENTUATION AND DOUBLE RHYMES.

- § 1. Accent and quantity: ancient metres. § 2. Metre of the 'Ormulum' § 3. New poetic forms double rhymes. § 4. Accentuation: accent in the sixteenth century · change of accent § 5. English prosody affected by the number of monosyllabic words § 6. Resuscitation of polysyllabic rhyme obscure endings § 7. Influence of double rhymes in increasing the proportion of Latin words. § 8. Proposed revival of ancient inflexions in poetry

§ 1 THE modes of consonance which may be, and by different nations have been, employed as essential elements of the poetical form, are very various. The prosody or metrical system of the classical languages is founded on quantity, that of modern literature on accentuation. Each system necessarily excludes the characteristic element of the other, not indeed from accidental coincidence, or altogether from consideration in practice, but from theoretical importance as an ingredient in poetic measure. Quantity, as employed by the ancients, has been generally supposed to consist simply in the length or relative duration of different syllables in time of utterance.* To us mere quantity is so inappreciable, that we cannot comprehend how it could be made the basis of a metrical system. It is difficult

* The terms long and short, employed in popular English orthoëpy, are usually wholly misapplied. Most of our vowels have two long sounds, and the corresponding short sounds are often expressed not by the same, but by different letters. The propriety of the terms long and short, as truly descriptive appellations, expressive, simply, of relative duration in time, is, to say the least, very questionable, even when applied to cases where the same character is employed for both. It is not true that short sounds, simply by a more leisurely utterance, necessarily pass into long ones, and *vice versâ*, for, if so, the short vowels of a slow delivery would be the long ones of a rapid pronunciation, which is by no means the fact. An attentive examination of the position of the organs of speech will show that between longs and shorts there is, generally at least, a difference in quality as well as in time. Syllables long by position, indeed, require more time for their utterance than ordinary short syllables, because they contain a greater number of successive articulations, but here, in modern orthoëpy, the length is a property of the syllable, not of the vowel alone. How far, and in what way, position actually modified the pronunciation of the vowel itself, in ancient prosody, cannot now be determined, and of course we do not know whether in that case prosodical length belonged to the *vowel*, more or less than in modern articulation.

to believe that, with any supposable sensibility of ear to the flow of time, a prosody could have been founded on that single accident of sound; and we cannot resist the persuasion that there entered into ancient prosody some yet undiscovered element, some peculiarity of articulation or intonation, that was as influential as the mere temporal length of vowels in giving a rhythmical character to a succession of syllables which, with the supposed ancient accentuation, is, to our ears, undistinguishable from prose.

Although, for want of appropriate native terms, we employ Latin and Greek designations of feet and measures, yet our modern accentual rhythm is in no sense an equivalent of the ancient temporal prosody, as it has sometimes been considered, but it is its representative, and, like some other representatives, very far from being a truthful expression of the primary constituency for which it answers. It is for this reason that every attempt to naturalize the classical metres in English verse, except in the very disputable case of the hexameter, has proved a palpable failure, and is in fact a delusion, because, from the want of parity between accent and quantity, they cannot strike the ear alike, and therefore the eye alone, or the fingers which count off the feet, can find any resemblance between the ancient metre and the modern. Indeed, what we imitate is not the original, but a figment which we have fabricated and set up in the place of it.

Simmius of Rhodes, and other half-forgotten ancient triflers, wrote short pieces in verses of different lengths, arranged in such succession that, when written down, the poem presented to the eye the form of an egg, an altar, a two-bladed battle-axe, or a pair of wings, and the likeness here was as real between the poem and the object as it is between modern and ancient hexameters or Horatian metres.

The frequent coincidence between Latin prosodical quantity and the Italian accent in the same words, and other points of apparent similarity in articulation, authorize the belief that in *sound* these two languages resemble each other more nearly than any other pair of ancient and modern tongues, and of course, if ancient metres were capable of reproduction anywhere, it should be in Italy. Nevertheless, the attempt has hardly been made, except by way of experiment, and then with no such results as to encourage repetition.* What we call ancient metres have proved

* The Latin metre were fashioned upon, and borrowed from those of the Greeks and the copy may be supposed to have been, in its essential feat, closely conformable to the original; but it is a remarkable fact, that in the pronunciation of the two languages which now represent the Greek and the Latin, there is a difference that seems to point to a corresponding distinction in the

best adapted to languages whose articulation differs most widely from that of the classic tongues, and the success of these metres has been in the inverse ratio of their actual resemblance to the prosody from which they have taken their names. The more explosive the accentuation, the more numerous the consonants, the less clear and pure the vowel, the more tolerable the modern travesty of the ancient metre, and the hexameter has become naturalized in Germany, not because it is like, but because it is unlike, the classical verse whose name it bears, and therefore is suited to a language of a totally different orthoepical character.* The pentameter has also, but *invitâ Mmervâ*, been introduced into German, and the use of this most disagreeable and unmelodious of measures has, for an un-Germanic ear at least, spoiled what would otherwise be some of the finest poems in all the literature †

orthoepy of the ancient mother-tongues In Italian, not uniformly, certainly, but in the great majority of cases, the accent, or stress of voice, falls on the syllable which, in the corresponding Latin word, was prosodically long. In modern Greek, on the other hand, no such coincidence between the present accent and the ancient quantity exists, and the accentuation is absolutely independent of the ancient metrical value of the syllables in the same words. Hence, though modern Italian poetry has assumed a new character by the adoption of new metres, and especially by the fetters of rhyme, yet there is very possibly some resemblance between the rhythms of modern and ancient Roman bards, whereas modern Greek measures, which are accentual and not temporal, and the prosodial movement of ancient Hellenic poetry, seem to have nothing in common. The partial resemblance between the old Latin quantity and the new Italian accentuation is one of the circumstances that serve to explain why, even after the introduction of modern rhymes and modern measures into Latin poetry, the classical metres were also kept up in mediæval Latin, and both systems of prosody employed concurrently. It is true, that even after the first appearance of the accentual, or, as the most important early form of it is called, the political metre of modern Greek, hexameters and other verses constructed after the ancient rules sometimes occur, but the co-existence of the two systems was much less general, and of briefer duration, in Greece than in Italy.

* The greater proportion of unaccented syllables in German renders that language better suited to the classical, and especially the dactylic, measures than the English. A literal translation from English into German occupies from a third to a fourth more space in letterpress in the latter than in the former. The number of words, from the resemblance between the two in syntactical movement, is about equal in a given period, and the accents do not differ much in frequency. The syllables in German contain, upon an average, more letters than in English, but the difference in this respect is not sufficient to account for the difference in the space occupied by the original, and by a version from one to the other. It is occasioned chiefly by the greater number of syllables in German, resulting from the greater proportion of augmentative inflexions in its syntax.

† The beauty of Schiller's *Spaziergang*, for instance, is sadly impaired by the halting movement of its verse, and the shock to the reader's nerves from the sudden earthward plunge which Pegasus makes at the end of every alternate

§ 2. The poetic measures of the Anglo-Saxon and the Scandinavian tongues are founded wholly on accentual rhythm, though the most ancient Gothic verses are by no means always capable of resolution into poetic feet.

The 'Ormulum,' in many respects one of the most interesting relics of Old-English poetic literature, is strictly metrical in its movement, and of great regularity in the structure of its verse. It resembles Latin poetry in adopting the principle of the elision of the final vowel when followed by a word beginning with a vowel or aspirate, and in rejecting rhyme and alliteration, while its rhythm is accentual, like that of all modern poetry. Waiving the difference between temporal and accentual rhythm, the versification of the 'Ormulum' closely resembles some ancient metres, and is therefore assumed to have been borrowed from them. I shall not debate the question in this particular case, but I must protest against the theories which assume that the pattern of all that is modern in literature is to be found in something that is old. There is a school which traces all recent forms of European verse, rhyme itself included, to Latin classical or mediæval poetry, all Latin metrical forms to Greek, all Greek poetic measures to Sanskrit, and here, fortunately, for want of a new literary continent beyond, the pedigree abruptly stops. Resemblance of form between different languages, or their literary adaptations, may prove a community of nature in man, but not necessarily a historical descent of one from the other, or even a relationship between them. Recurrence

line If anything were wanting to prove that ancient poetry could not have been accentual, sufficient evidence might be found in its admission of a metre which accentual scanning makes so repulsive.

The recent experiments in the way of reviving the hexameter in English have certainly been much more successful than those of the sixteenth century, but I believe there is little disposition to attempt to re-erect the pentameter in English verse. It is surprising that so exquisite an ear as that of Spenser could content itself with such rhythms as those of his essays in classical metre, and we can hardly think him serious in offering such lines as these as specimens —

' See yee blindefolde prete God, that featherd Archer,
Of Loues illuses which maketh his blood'e Game?
Wote ye wher his M'other with a Veale hath couered his face?
Trust me, leaſt be my Looſe happily chance to behoide."

Spenser had as much difficulty in theory as in practice in reconciling accentual rhythm with elision. "The accents," he says, in his letter to Harvey in *Hawwood's Collection*, "sometimes gape'h, and as it were groweth ill-favourably, coming shorte of that it should, and sometime exceeding the measure of the number, as in *Corymbus*, the middle syllable being read shote in speech, when it shall be read long in verse, seemeth like a horse galloping that draweth one legge after him, and *Helen* being read shote at one syllable when it is in verse, stretched out with a diastole, is like a horse that gallopes up one legge."

is not always repetition, and it is not in the slightest degree improbable that like thoughts, images, poetic phrases, and poetic measures should originate spontaneously in nations and ages that have nothing in common but their innate humanity. The pride of investigation must end somewhere, and we may as well admit ultimate facts in man as in brute nature.

I will illustrate the prosody of the 'Ormulum' by a modernization of the first twenty-two verses, in the same metre as the text, and I may observe that the original is so purely English in vocabulary and grammar that most of the words I employ are the same in form and syntactical arrangement as in the text.—

"Now, brother Walter, brother mine
 After the flesh's nature,
 And brother mine in Christenty
 By baptism and believing,
 And brother in the house of God
 Eke in another manner,
 In that we-two have taken up
 One priestly rule to follow,
 Both canons are in rank and life
 As holy Austyn 'stablished;
 I now have done e'en as thou badst,
 And thy desire fulfilled,
 For into English I have turned
 The Gospel's sacred teachings,
 According to the little gift
 Which God to me hath granted.
 Thou thoughtest that it might right well
 Yield Christian souls much profit
 If English folk, for love of Christ,
 Would faithfully it study,
 And follow it, and it fulfil,
 In thought, in word, in doing." *

' Nu, broþerr Walltterr, broþerr min
 Aftterr þe flæshess kinde,
 & broþerr min i Cristtenndom
 þurh fulluht & þurh trowwþe,
 & broþerr min i Godess hus,
 Yet o þe þrde wise,
 þurh þatt witt hafenn takenn þa
 An reghellboc to follghenn,
 Unnderr lanunnkess had & lif,
 Swa summ Sannt Awwstin sette
 Icc hæfe don swa summ þu badd,
 & forþedd te þin wille,
 Icc hæfe wennd iuntill Enngliss
 Godd-pelless hallghe lare,
 Aftterr þatt lttle witt tatt me
 Min Drihtin hæfeþþ leneað.

The metrical construction of this poem is so skilful, and its accentual rhythm so perfectly preserved, that, though we are constantly expecting the rhyme, we scarcely observe that it is wanting, and it seems to me one of the most dexterous compromises between the classical and modern prosodical systems which occur in the early poetry of any recent literature. There exists but a single manuscript, a mutilated fragment, of this remarkable poem, and there is strong reason to suppose that this is from the hand of the author himself. The lines are written continuously, like prose, but they are so marked by points as to show that they consist of fifteen syllables divided by a pause after the eighth, the first hemistich containing four iambic feet, the latter two iambs and an amphibrach. Theoretically, we may consider the prosody of the 'Ormulum' as composed of verses of six iambs and an amphibrach, thus.—

"And follow it and it fulfil } in thought, in word, in doing;"

or of couplets consisting alternately of eight- and seven-syllabled lines divided into feet, like the hemistichs of the long lines, thus:—

"In that we-two have taken up
One priestly rule to follow"

Upon the former view, the versification would be closely assimilated to that of many Latin poems of the middle ages, as well as to certain still earlier poetic forms, and the want of rhymes and of alliteration favours this theory. By the latter division it would nearly resemble metres very extensively diffused through all modern literature; and then the difference in the length of the lines, and the alternate single and double endings, would be very noticeable and important particulars.

The 'Ormulum' was probably never put in circulation. The author hints that he was subject to the persecutions to which all who attempted to clothe the mysteries of religion in the vulgar tongue were exposed during the sway of the Romish Church, and the mutilated condition of the manuscript may perhaps be ascribed to ecclesiastical hostility. Although, therefore, there were other

fu fobhtest tatt itt mihhte wel
Till mikell frame turrenne,
Yiff Engleish folk, forr lufe off Crist,
Itt wolde verne lereenn,
& folghenn itt, and fillenn itt
Wiff fohht, wiff word, wiff dede."

For want of the proper type, I am obliged to use in this extract, as well as in that in Lecture XLII., sometimes y and sometimes g, when the original employs a Saxon character.

Early English poems in forms partaking of the characteristics of both ancient and modern prosody, we cannot ascribe to the 'Ormulum' any influence upon the structure of later English verse, and it stands as a unique example of greater skill in versification than had yet been attained in the English tongue.

§ 3. The poets of the present day are striving to invent new forms and combinations, to emancipate themselves from some of the conventional restraints of verse, to loosen the fetters which they cannot wholly throw off, and to infuse fresh life and spirit into movements of the Muses which perpetual repetition has made wearisome and ungraceful. As the ballet-master has revived the dances of the chivalric ages, and borrowed from rural districts and distant provinces complicated figures, giddy whirls, and bold saltations, so the bard has evoked from forgetfulness and obscurity antiquated forms, abrupt changes, and quaint devices, sometimes, no doubt, to give appropriate expression to an inspiration which finds no fit utterance in the moulds of stereotyped verse; but not less frequently to hide poverty of thought beneath the ill-sorted colouring and dazzling glitter of a strange and gaudy raiment. It is for such reasons, good and bad, that recent poets have re-introduced double and trisyllabic rhyme, which had become nearly obsolete, into serious verse, and thus denationalized our poetry by employing an ornament for the most part foreign in both form and material.

The use of double rhymes is not well suited to the Saxon constituent of our language since the dropping of so many of the unaccented and less conspicuous inflexions; for double rhymes seldom occur in words of Saxon origin, except in the past tense and participle of the weak verbs, and in the present participle with its disagreeable, unmelodious ending in *-ing*. Chaucer seems to affect monosyllabic rhymes in his verse, and indeed seldom employs double ones, unless we count as such words in *e* final, which perhaps we should do, for there is no doubt but this letter was sounded in Chaucer's time, as it is now in the cognate languages, and in French verse. In the reign of Elizabeth the study of Spanish and Italian literature led to the very frequent employment of polysyllabic rhymes, and though not much used by Spenser, they continued in fashion down to the era of the Restoration. At that period French influence became predominant; many, not only of the original characteristics of English literature, but of the forms of verse which English poets had borrowed from the bards of Southern Europe, disappeared for a time, and double rhymes ceased to be used in serious compositions, until the necessities of the present century revived them.

French verse, indeed, not only admits but requires the alternate use of double rhymes; but as the last syllable in this case is only

the obscure *e*, which is very faintly articulated, English poets felt that a monosyllabic rhyme, with its pause, was a nearer approximation to the French feminine rhyme, as it is called, than our few dissyllabic consonances, which are much more generally spondees than trochees, could furnish.

I have spoken of double and triple rhymes as foreign in form as well as material. It is true that many, perhaps most, of the words forming trisyllabic or dactylic, and dissyllabic or trochaic rhymes, existed in the language, and were employed in poetry, long before the sixteenth century, but they were almost all borrowed from the French, and brought with them an accentuation which threw the stress of voice on the last syllable, so that, although now dactylic or trochaic in pronunciation, they originally furnished monosyllabic rhymes only. This position of the accent shows how, in Chaucer, motion and nation, company and chivalry, felonie and jealousie, abstinence and countenance, apparence and existence, form perfect rhymes, as they do in French at the present day; and how Spenser, who employs very few double endings, makes Tantalus, victorious, and dolorous, rhyme to each other.

§ 4. It is interesting to observe the gradual naturalization of the orthoepy of foreign words in the English tongue. Languages of the class to which English belongs inflect much by letter-change. This change takes place in the radical, which is usually found in the first syllable, and as inflexions, of whatever character, must be distinctly pronounced and made conspicuous in order to mark the grammatical relations, the first syllable, or that in which the letter-change occurs, naturally receives the stress of voice. Hence, in all these languages, there is a tendency to throw the principal accent so far back as to reach the radical. The vocabulary of the French is derived, to a great extent, from Latin words deprived of their terminal inflexions. The French adjectives mortal and fatal are formed from the Latin *mortalis* and *fatalis* by dropping the inflected syllable, the French nouns nation and condition from the Latin ablatives *natione*, *conditione*, by rejecting the *e* final. In most cases the last syllable retained in the French derivative was prosodically long in the Latin original, and either because it was also accented, or because the slight accent which is perceivable in the French articulation represents temporal length, the stress of voice was laid on the final syllable of all these words. When we borrowed such words from the French, we took them with their native accentuation, and as accent is much stronger in English than in French, the final syllable was doubtless more forcibly enunciated in the former than in the latter language.* The introduction of these words was ac-

* Although prosodical accent is essentially a more important feature in English

cordingly a disturbing element in Old-English orthoepy, and as the influence of this element was strengthened by the fact that many English words were inflected by the weak or augmentative method, and of course not accented on the first syllable, the whole accentual system of the language was deranged, and centuries elapsed before the radical principles of Gothic articulation recovered their ascendancy. Words were accented according to their etymology, not in conformity with the genius of the language, and there is even yet a conflict on this very point between the Saxon and the Romance ingredients of our mother-tongue. In Chaucer's time the words I have quoted from him were all accented on the last syllable; *motiôn*, *natiôn*; *companý*, *chivalrý*; *countenaunce*, *abstinaunce*; and this accentuation continued without much change until the middle of the sixteenth century. Roger Ascham, the classical tutor of the Princess (afterwards Queen) Elizabeth, much commends the following hexameter couplet by Mr. Thomas Watson, as being "translated plainlie for the sense, and roundlie for the verse:"

"All travellers do gladly report great praise of Ulysses,
For that he knew many men's manners, and saw many cities"

These lines, pronounced with the modern English accentuation, are not hexameters, or indeed metre of any sort; and we can scan them only by reading them thus:—

"All travellers do gladly report great praise of Ulysses,
For that he knew many men's manners, and saw many cities" *

The study of Italian literature, which became fashionable about this period, concurred with the inborn tendencies of English to revive the Saxon accentual system; for the Italian verbs, nouns, and adjectives retain a final inflected syllable, and though that syllable is distinctly articulated, the stress of voice never falls upon the ultima, except in a very few verbs and nouns which have lost the Latin inflexional ending, and in cases where, for metrical convenience, the final vowel has been dropped.

than in French orthoepy, and therefore was always more conspicuously marked in the former, yet the difference in this respect does not appear to have been as great between the two languages three hundred years ago as at present. This is evident from the care and minuteness with which Palsgrave discusses a subject almost wholly overlooked in modern French grammars, as well as from other evidence.

* Harvey, in criticising Spenser's accentuation, which seems to have been licentious enough, inquires whether he would pronounce *travâilers*, and proceeds thus: "Or will Signior Immerito, bycause, may happe, he hathe a fat-bellied Archedeacon on his side, take vpon him to controll Maister Doctor Watson for his *All travellers*, in a verse so highly extolled of Maister Ascham?"

—HASLEWOOD, u 279.

In Sir Philip Sidney's time the Gothic pronunciation was already so far restored that our Gallicized Latin words had taken a principal accent at or near the beginning; but they still retained a secondary accent at or near the end of the word, and accordingly, while Chaucer made such words as *nation*, *station*, iambuses, or dissyllables with the accent on the last syllable, they had in Sidney's age become dactylic trisyllables. This is shown not only by the use which Sidney makes of them in poetry, but we have his express authority for the fact, for in his 'Defense of Poesie,' after mentioning the masculine and feminine rhymes of the French in one and two syllables respectively, and the *sdrucchiolo* of the Italians, or dactyl, in three, he adds: "The English hath all three; as *do*, *true* [masculine], *father*, *rather* [feminine or trochaic]; and *motion*, *potion*" [sdrucchiolo or dactylic]. In like manner, Puttenham says that *remuneration* makes two good dactyls, *contribution* a spondee and dactyl. It is clear, therefore, from this and much other concurrent testimony, that in the sixteenth century, mó-ti(shi)-on, p6-ti(shi)-on, were pronounced trisyllabically, with a faint secondary accent on the last syllable; whereas at present the vowel of the final is obscurely articulated, the ultima and penultima have coalesced, and the words are dissyllabic and trochaic, or, at the end of a verse, spondaic. Spenser, in his Sonnet on Scanderberg, makes *pyramids* and *heroes* amphibrachs—pyrámiðs, hēr6ès. Ben Jonson accents constitute and liquefy on the last syllable.* Milton, in 'Il Penseroso,' rhymes *throne* and *contemplation*; in the Hymn on the Nativity, *began* and *ocean*, *alone* and *union*, *session* and *throne*, *unsufferable* and *council-table*, *stable* and *serviceable*,† and, in the 'Passion,' *tears* and *characters*. So in 'Paradise Lost' he accents *adverse*, *aspect*, *converse*, *access*, *process*, *impulse*, *pretext*, *surface*, *contrite*, *product*, *prescript*, and, even when employed as nouns, *consult*, *insult*, *contest*. In trisyllables, *blasphemous*, *crystalline*, *remediless*, *triumphed*, *maritime*, *conflagrant*. Some of these, such as accenting *contemplation* and *session* on the final syllable, are doubtless mere poetic licences, for Ben Jonson in his English Grammar says that nouns ending in *-tion* and *-sion* are accented on the antepenultima, and he instances *condition* and *infusion*, both of

* In Gill's phonographic spelling, *y* and *ies* final are made long, as, *destiny*, *victory*, *final*, *enemy*, *heavenly*, *ivory*, *skurility*, *incivility*, *miserly*, *comodity*; which affords a strong presumption that these syllables received at least a distinct secondary accent.

† Puttenham (*Haslerood*, i 87), says, "Sometimes it sounds better to say *revocable* than *revocabile*, *recurre-able* than *recouvrable*." This shows that the accent in this termination was fluctuating, and that in *revocable* it had not yet been carried farther back than the antepenult.

which he treats as words of *four* syllables. But the great frequency of ultimate and penultimate accentuation, by Milton, of words in which the stress of voice is now thrown further back, shows that the pronunciation of the seventeenth more closely resembled that of the sixteenth and earlier centuries than of the nineteenth.

Landor, to whom I am indebted for some of my exemplifications from Milton, notices the superior poetic force of the Miltonic accentuation, and he cites *uproar* as being a finer and much more striking word than our modern *uproar*, a pronunciation which only serves to suggest a false etymology, *uproar* being not a compound of *up* and *roar*, but merely the English form of the cognate German *Auf-rühr*. Landor believes Wordsworth to have been instrumental in promoting the modern disposition to carry back the accent, but I think he overrates Wordsworth's influence in this respect. The tendency to this general change manifested itself a century before the time of that poet, nor have his writings ever become sufficiently popular to have awakened it, had it been dormant. The same critic mentions *aristocrat*, *concordance*, *contrary*, *industry*, *inimical*, *contemplate*, *conculcate*, *détail*, *Alexander*, *sonorous*, *sublunary*, *desultory*, *peremptory*, as words which have in very recent times transferred the accent to the initial syllable *. This list might have been very much enlarged, but the changes indicated by Landor have not all become established in this country, and some of them are to be regretted, because they tend to obscure the etymology and classical quantity of the words where they occur.

There are, on the other hand, cases where the change of accent has brought back a word to its proper form. A striking instance of this sort occurs in the word *hospital*. This was formerly accented on the second syllable, *hospítal*, and in popular speech, and at last in writing, the initial *ho* was dropped and the word become *spítal*, and was so spelt both in poetry and prose. This accentuation has so disguised the word that Landor believes even Ben Jonson to have been ignorant of its etymology, though the passage he cites from Jonson by no means sustains the opinion. The strong accentuation which characterizes the English articulation makes us so sensible to that element of speech that we habitually conceive of it as a significant element of itself, and no mispronunciation of English by foreigners so effectually confounds us as the transposition of an accent. It has with us taken the place both of ancient quantity, and of the subtilty in the discrimination of the quality of vowels

* Smart, writing in 1836, observes that the accent in *bálroney* has shifted from the second to the first syllable within twenty years. Rogers complained of this displacement of accent, and said, "Contemplate is bad enough, but bálroney makes me sick."

which belongs to the cognate tongues. An anecdote current at Washington will illustrate the importance which persons of nice ear habitually give to accentuation. There were, a few years since, two Senators from the South-west, one of whom pronounced the name of the State they represented Arkánsas, the other Ar'kansas, both of them making the accented syllable so emphatic as to leave the rest of the word almost inaudible. The accomplished officer who then presided in the Senate, in recognising the Senators in question as they rose to speak, adopted their own accentuation, and always announced one of them as "the Senator from Ar'kansas," the other as "the Senator from Arkánsas."

There are, indeed, examples of a transposition of the accent in the contrary direction. The Latin *disciple* is a case in point. It was formerly accented on the first syllable, *dís-ciple*, and in conformity with this accentuation it was sometimes spelt *disple*; but the instances of this character are too few to be considered as anything but exceptions to the well-established general tendency of the English speech.

The inclination to throw back the accent, though less prevalent in America, as I shall show hereafter, is carried to an extravagant length in England, and hence such distorted pronunciations as dió-cesan, Chry'sostom, which are not only without any etymological foundation, but in a high degree unmelodious and unrhymical.

§ 5 The prosody of the Gothic languages, and of English more perhaps than any other, is much affected by the monosyllabic form of so many of our most important words. The short words in the Romance tongues are, not always indeed, but very generally, particles or other words usually not emphatic, whereas, in English, monosyllables, especially if of Saxon origin, are very often the most emphatic words in a period. Besides this, the majority of our monosyllables end with a consonant, often with two; and as the following word in most cases begins with a consonant, monosyllabic words generally have, in spite of our insensibility to mere quantity, if not a technical prosodical length, at least an environment of consonantal sounds, which makes them rhythmically long in comparison with the unaccented syllables of longer words, and of course unfits them for elements of the dactylic measures.

The frequency of double and triple rhymes in the works of Sidney and other admirers of Italian and Spanish poetry contrasts remarkably with their comparative rarity in their contemporary Spenser, who, though influenced by Romance models in the plan of his story, followed native English precedents, or forms long naturalized, in the structure of his verse. While Spenser very generally uses monosyllabic consonances, we find in Sidney such rhymes as—signify, dignify; mutable, suitable; notability, possibility, carefulness, warefulness, delightfulness, rightfulness, sightfulness, spitefulness; dis-

dainfulness, painfulness, besides many compound ones, as hideaway, bideaway, pleasure doth, treasure doth, number not, cumber not; framed is, blamed is: and even among the few poetic licences of Chaucer, we find this couplet in the 'Sompnours Tale.'—

"Refreshed more than in an hundred places,
Sike lay the husbond man whos that the place is"*

§ 6. The resuscitation of polysyllabic rhyme, and its more frequent introduction into serious poetry, is partly the effect of our satiety with the endless repetition of particular monosyllabic rhymes into which English poetry had run, and a consequent craving for novelty in sound, and partly to the attempts at a more strict conformity of translations to their original, which is a natural result of our increasing familiarity with foreign literatures. To say nothing of the almost exclusive employment of double rhymes in Italian, it will be remembered that in French poetry the use of couplets with rhymes ending alternately monosyllabically and with the mute *e*, or what are called masculine and feminine rhymes, is obligatory, and many German writers, not only needlessly, but very unwisely, as I think, have imposed upon themselves the same inconvenient rule. In making English versions of poems in those languages, where the metre of the original is retained, translators often endeavour to follow the rhymes of the text also, and the pedantic exactness with which this rule is adhered to, so far from producing an exact conformity, very often leads to a much wider disparity than would follow from the use of monosyllabic rhymes alone. The French mute or feminine *e*, which in poetry nearly corresponds to the German *e* final, scarcely has an equivalent in English orthoepy. Our short, unaccented *y* final is much more distinctly articulated, and the English sounds nearest to it are those of the common pronunciation of *a* final and unaccented in such words as *America*, *China*, and the terminal *er* in *father*, and the like, where our very inaudible utterance of the *r* leaves almost nothing for the ear but the obscure vowel sound preceding it, which is closely analogous in quality, and very nearly equal in prosodical quantity, to the French and German

* Gower has some singularly constructed double rhymes, which serve to prove that the *e* final of words now monosyllabic was articulated in his time. On p 282, vol 1, Paul's edition, is this couplet —

"To speke a goodly word unto us
For all the gold that is in Rome."

And p 370,—

"So woll I nought, that any time
Be lost of that thou hast do byme [by me]"

There are several similar examples in Hoccleve. In *La male Regle* he rhymes *lys me* with *tyme*, and *ny me* (nigh me) with *pryme*, *tyme*, and *cryme*.

e final. But these sounds are of so rare occurrence in English that they by no means answer the demands of the translator, and he accordingly resorts to our antiquated verbal forms in *-est* or *-eth*, as *lovest*, *loveth*, and to the participial form in *-ing*, as *loving*. These syllabic augments are very far from being the prosodical equivalents of the syllables they are forced to stand for, and in fact do less truly represent those syllables than a monosyllabic rhyme, with the usual pause, would do. To exemplify:—In Gothe's magnificent *Archangelic Trio* in the Prologue to '*Faust*,' the alternate double rhymes are all in the unaccented *e* final, except in two instances, where the liquid *n*, which is almost as soft as the *e* alone, is made the termination. Yet in the best English translation, that of Mr. Brooks, these double rhymes are uniformly represented by active participles in *-ing*, except in one instance, where the translator finds a double rhyme in *ocean*, *motion*, and another, where he employs the old third person singular of the verbs *lendeth*, *comprehendeth*. The poem in question contains twenty-eight lines, ten of which end in *e* obscure, four in the liquid *n*. In Mr Brooks's translation, otherwise admirable, ten of the corresponding lines of the version terminate with the active participle in *-ing*, one of the most unmelodious sounds of the language, and the *Weise Reise*, *Starke Werke*, *schnelle Helle*, of the original, where the final vowel constitutes the entire syllable (the consonants belonging to the first syllable), are represented in English by *sounding rounding*, *lending comprehending*, *fleeting alternating*, that is, syllables quantitatively short by syllables quantitatively long, which is in my judgment a wider departure from the prosody of the original than the employment of monosyllabic rhymes, with the inevitable pause after them, would have been.*

The Latins used trochees for spondees at the end of hexameters, the pause at the close of the measure serving to lengthen the short final syllable, but they apparently preferred not to employ trochees ending in a vowel, unless the sense required or permitted a formal suspension of the voice; and it will be found that most of the trochaic terminations of the Latin hexameters end in a consonant, or with a logical interruption in the syntax. The Greeks practised the

* Although accent is the only recognised formal law of modern measure, yet, even independently of the arrangement of vowels and consonants which determines the melodious quality of verse, we cannot, with impunity, absolutely disregard the temporal quantity of words and their elements. Such words as *strength*, *shret*, *withe*, or even such syllables as our participial terminations in *-ing*, are not by nature, and cannot be made by art, the prosodical equivalents of endings formed by the obscure sound of the vowels with liquids, as in the last syllables of *bridle*, *father*, *stiffen*.

same reserve, and helped the short run which Providence by the *répétition* makes.

§ 7. The unpleasant effect of the use of our *fin* infinitive double rhymes is remarkably shown in Tennyson's "Claribel," a poem of twenty-one lines, sixteen of which end in the *fin* third person singular present indicative of the verb; as *listeth, sigleth, loometh, hummeth, oareth*, and so forth. This, of course, is not artificial, and habit makes this repetition of the saying of *fin* familiar to us; but what would be its effect on French or Italian ears, and what sounds would the unfortunate foreign poetess who should attempt to read the poem think?^{*}

That double rhymes will continue to be freely used in satires as well as in lighter English poetry, there is no doubt; but, as we have for graceful and effective polysyllabic endings in words of French etymology, the reader will generally be forced to seek them in the Roman and Romance elements of our speech, and thus the hegemony of double rhymes tends to increase the proportion of Latin words in our poetic diction. This is certainly a very serious evil, as it involves a sacrifice of purity of diction, and of a genuine native terminology, to a morbidly decorative ear, and a taste perverted if not depraved by the study of foreign models.[†]

* Mrs. Browning's poem *To A. B. L.* referring to her anxiety on Mrs. Hemans, well illustrates the connection between double rhymes and infinitive endings. That poem contains thirty-two lines. All the rhymes are infinitive but one pair, and sixteen of them are participial endings in *-ing*.

† Parnassus (*Edinburgh*), &c., is aware that Gower did nothing himself to French rhymes when English would do more for him:—

"For a Christian writer is, it would be a tragedy, and an a great. Such men were in effect the most part of all, for all rhymes, and specially Gower, who, to make up his time would for the most part write his sentences *double* with *fin* endings, and many times *triple* or *quadruple* in a single French word for an English; and so by your leave, do many of our greatest poets at this day."

Many of the French words which first appear in Gower were introduced for the sake of the rhyme and not subsequently when as they stood in the poem which he translated or paraphrased; but there is also in as given a predominance of French rhymes in his own original works. The *Spectator* has not been troubled by any foreign words, and is believed to be of Gower's own invention: but of the six hundred and twenty-four lines of which this fragment consists, we find but one *double* and thirty-seven end with Romance words, though the proportion of Anglo-Saxon words in the poem is more than thirty per cent.

Mrs. Browning's *On of the Githers* contains one *double* and thirty verses, with thirteen *double* and single rhymes, and of course there are thirty pairs of double rhymes, or sixty infinitive words. The proportion of Romance words in the whole poem is but eight per cent: but of the eighty *fin* infinitive words, twenty-four, or thirty per cent, are Romance, so that nearly one-third of the one hundred Romance words introduced into the poem

§ 8. Poetry, by conforming foreign words to the native accentuation, has made some amends for the mischief it has done to the language by employing aliens as substitutes for worthier aboriginals. It may render a yet greater service by restoring graceful and melodious endings which a too powerful Gallic influence has sacrificed. The existing want of double rhymes may be in part supplied by the revival of the Saxon inflexions, many of which continued to be employed down to the time of Spenser. Why should we confine ourselves exclusively to our offensive ringing participial ending, and not rather say, sometimes at least, *shinand*, *glitterand*, *singand*, for *shining*, *glittering*, *singing*? And why should we not now employ the old infinitive and plural in *-en*?—as in these lines of Chaucer :

“For lack of answer, non of us shul *dien*,
Al had ye seen a thing with bothe youre *eyen*”

“Ye *shullen* rather swiche a thing *espien*
Than I, and wher me beste were to *allien*.”

“With hertly will they *sworen* and *assenten*
To all this thing, ther saide not o wight nay:
Beseching him of grace, or that they *wenten*,
That he would *granten* hem a certain day.”

It is remarkable that Thomson, who employs archaic words and forms with such singularly happy effect in the ‘Castle of Indolence,’ did not avail himself of this plural to vary his rhymes; but in the whole of that most exquisite poem there does not, I believe, occur a single polysyllabic rhyme, unless the coupling of *lovers* and *powers* with *hours* be so considered. These remarks apply with equal force to Shenstone’s ‘Schoolmistress,’ which owes much of its attraction to its archaisms. The only approach to a double rhyme in the whole poem is in the use of the same consonances as those cited from the ‘Castle of Indolence.’ It is still more extraordinary

are found in the double rhymes; while, of the eighty single-rhymed terminals, seventy are certainly Anglo-Saxon, and, of the remaining ten, three or four are probably so.

In the *Deaf Pan* there are about one hundred double-rhymed endings, less than one-half of which are Anglo-Saxon; and, in the *Lost Bower*, out of about one hundred and fifty double rhymes, more than one-third are Romance.

I have made this examination of Mrs Browning’s works, not as a criticism upon the diction of one of the very first English poets of this age, the first female poet of any age, but to show that, even in the style of a great artist, of one who, by preference, employs native words wherever it is possible, a conformity to the rules of Continental versification inevitably involves the introduction of an undue proportion of Romance words.

that Spenser, with his boldness in the employment of antiquated and abnormal inflexions, should so seldom have resorted to a form of so great metrical convenience, and at the same time so melodious in articulation, as this old plural, the decay of which is perhaps the greatest loss that English has sustained in the mechanism of verse.

The English language cannot long supply the necessities of poetry without the introduction of new elements of verse. The ancient temporal metres were inexhaustible, because the permutations and combinations of the prosodical feet were infinite, but when we establish the rule that in every couplet there shall be two words which resemble each other not only in prosodical or in accentual length, but in their vowel and consonantal elements also, we introduce into verse an ingredient the supply of which is limited. There are, as was observed in the last lecture, thousands of good poetic words which have no rhymes, others which have at most but a single one, and of the rhyming words, thousands again are unsuited to metrical purposes. Hence rhyme tends to reduce our available poetical vocabulary to a much narrower list than that of other languages not more copious, but which have not adopted the fetters of rhyme. We must enlarge our stock by the revival of obsolete words and inflexions from native sources, or by borrowing from the Romance languages; or, again, we must introduce the substitutes to which I have before alluded, and which will form the subject of the next lecture.

11

J. ✓ LECTURE XXV

ALLITERATION, LINE-RHYME, AND ASSONANCE.

§ 1. Poetry of Anglo-Saxons rhythmical, but not always metrical. distinction between rhythm and metre. § 2. Alliteration of Anglo-Saxon and Old English poetry. § 3. Rules for the employment of alliteration examples of alliteration. § 4. Lipogrammatic compositions § 5. Advantages of alliteration. § 6. Half-rhyme § 7. Line-rhyme Icelandic poetry § 8. Alliteration and line-rhyme in the modern literature of Italy and Greece. § 9. Line-rhyme in modern English. § 10. Icelandic half-rhymes, a result of the Old-Northern system of inflexions. § 11. Assonance, the use of the same vowel with different consonants. versification of Spain and Portugal § 12. Annomination, the opposition of words of similar sound but different signification or use. § 13. Euphuism. § 14. Love of alliteration and rhyme in the languages of modern Europe. § 15. Imitative words

§ 1 THE interest which the study of native English, old and new, and of the sister dialects, now so generally excites, prompts the inquiry whether it be not possible to revive some of the forgotten characteristics of ancient English poetry, and thus to aid the efforts of our literature to throw off or lighten the conventional shackles which classical and Romance authority has imposed upon it. I propose to illustrate, by specimens original and imitative, the leading peculiarities of Anglo-Saxon and Old-Northern verse, as well as of one or two Romance metrical forms hitherto little if at all attempted in English, and to suggest experiment upon the introduction of some of them into English poetry. The only coincidences of sound known to English versification are, repetition of the same accentual feet in the same order, alliteration, and terminal rhyme; but these by no means exhaust the list of possible consonances, or even of those employed by some branches of the Gothic family. The poetry of the Anglo-Saxons was always rhythmical, but not always metrical. In modern criticism *rhythm* is often loosely used as synonymous with *metre*, but they are properly distinguished. Bede speaks of the poetry of his native land as characterized by rhythm, and he thus discriminates between rhythm and metre:—

"It (*rhythmus*) is a modulated composition of words, not according to the laws of *metre*, but adapted in the number of its syllables to the judgment of the ear, as are the verses of our vulgar (or native) poets."

"Metre is an artificial rule with modulation; rhythmus is the modulation without the rule. For the most part you find, by a sort of chance, some rule in rhythm, yet this is not from an artificial government of the syllables, but because the sound and modulation lead to it. The vulgar poets affect this rustically; the skilful attain it by their skill."*

Bede's definition of rhythm is not remarkable for clearness and precision. Indeed, it is difficult to define rhythm, for the same reason that it is difficult to describe a sound, and the embarrassment has been increased by the determination of critics to insist on finding rhythms where none exist. In all simply rhythmical poetry there will occur lines which are, to all intents and purposes, mere prose, just as in metrical poetry we now and then meet lines which, by poetic licence, violate the established canons of metre. In a general way, we may say that accent is to rhythm what the foot is to metre, and we may illustrate the prosodical value of the accent by comparing a rhythmical verse to a musical measure, where the number of *accents* is constant, though that of the *notes* is variable, just as is that of the syllables in rhythmical poetry. The only difference is, that the laws of music are more strictly observed than those of rhythm, in which there is great licence, both as to the number and the position of the accents.

Metre may be defined to be a succession of poetical feet arranged in regular order, according to certain types recognised as standards, in verses of a determinate length.

The following lines, from the *Primus Passus* of 'Piers Ploughman's Vision,' are rhythmical but not metrical, and they conform to the Saxon models in all respects, except that the short, or unaccented, syllables are generally more numerous than in Anglo-Saxon verse, the particles being often omitted in the poetry of that nation:—

" What this mountaigne bymeneth,
And the merke dale,
And the feld ful of folk,
I shal you faire shewe
 A lovely lady of leere,
In lynnen y-clothed,
Came down from a castel
And called me faire,
And seide, 'Sone, slepestow?
Sestow this peple,
How bisie thei ben
Alle aboute the maze?
The mooste parte of this peple
That passeth on this erthe,

* Sharon Turner, *Hist Ang-Sax.*, b. ix. chap. 1,

Have thei worship in this world,
 They wilne no bettre.
 Of oother hevne than here
 Hold thei no tale."

Metre, therefore, was not an essential constituent of Anglo-Saxon verse, and the few instances of its occurrence are chiefly accidental coincidences, although a Saxon bard may occasionally have employed it designedly, just as a modern poet may confine himself to double rhymes, or introduce alliteration. Of rhymed poetry there are few examples, as well as of what is called line-rhyme, but, in general, like endings seem to have been avoided rather than sought for. An English ear, then, would recognise in Anglo-Saxon verse none of the *formal* characteristics of poetry, and it would strike a modern hearer as merely an unmeasured and irregular recitative.

§ 2. The most prominent formal feature of Anglo-Saxon versification is its regular alliteration; and, with certain exceptions and licences not necessary to be noticed at present, this was an indispensable characteristic of the poetry of that language, as well as generally of the Old Northern or Icelandic.

It was also much employed in Old English, but whether its use was confined to certain districts or local dialects, or what were the circumstances that determined its application, is not, I believe, yet ascertained. The 'Ormulum,' which is not alliterative, has been supposed to have been written by a native of the North of England, because its dialect is marked by Scandinavianisms, probably derived from the Danish population of the border counties, and we should therefore expect that its versification, as well as its diction, would exhibit traces of the influence of Scandinavian models; but of this there are no indications. There is also a passage in Chaucer, now a regular stock quotation in all essays on this subject, which seems to show that the bards of other English counties, most remote from the Danish colonies, did not employ alliteration or even rhyme. The narrator in the Prologue to the 'Persones Tale' says,—

"But trusteth well, I am a *sotherne* man,
 I cannot geste, *rom*, *ram*, *ruf*, by my letter,
 And, God wote, *rime* hold I but I tite better."

There are many passages in other early English writers which point to a marked difference between the poetic forms of Northern and Southern England; and the general inference would be, that the versification of the South conformed to classical and Romance, that of the North to Anglo-Saxon and Scandinavian models. I do not discover sufficient evidence that, at any time after Norman English was recognised as an independent speech, distinct from

both its sources, alliteration was generally regarded as a regular and obligatory constituent of English verse, though it was freely employed as an ornament by individual writers in the fourteenth, and even fifteenth or sixteenth centuries. However this may be, metre and rhyme, perhaps as much from the splendid success of Chaucer as from any other cause, became established characteristics of versification before the commencement of the fifteenth century, and 'Piers Ploughman' is the last work of any real importance in English literary history which follows the original type of English verse.

§ 3. The rule which governed the employment of alliteration, stated in its most general form, and without specifying the exceptions and qualifications that under different circumstances attended it, is, that in each couplet three emphatic words (or, by poetic licence, accented syllables), two in the first line, and one in the second, must commence with the same consonant, or with vowels; in which latter case the initial letters might be, and generally were, different. The position of the alliterated words in the first line was arbitrary, and varied according to the convenience of the poet, but the alliteration in the second line should fall on the first emphatic word. Nevertheless, the lines were so short that the stress of voice would seldom fall on more than two syllables in either line; so that, in practice, the first of these syllables would almost necessarily be alliterated in the first line also.

The lines already quoted, for another purpose, from one of the interesting poems just referred to, the 'Vision' and the 'Creed' of Piers Ploughman, the former by Langland, one of the Reformers before the Reformation, probably soon after the middle of the fourteenth century, are alliterated according to these rules, as are also the following extracts, though with frequent departures from strict conformity to them:—

91 " *Pilgrymes and palmeres
Plighten hem togidere,
For to seken seint Jame,
And seintes at Rome
They venten forth in hire wey,
With many wise tales,
And hadden leve to liven
Al hire lif after."*

4293 " *Kynde wit wolde
That each a wight wroghte,
Or in dilynge or in delynge,
Or travailynge in preieres;
Contemplatif lif or actif lif
Crust would thei wroghte "*

4347 "For murtherers are manye leches,
 Lord hem amende!
 They do men deye thorough hur drynkes,
 Er destynnee it wolde."

5655 "Thilke that God gyveth moost
 Leest good thei deleth,
 And moost un-kynde to the commune
 That moost catel weldeth."

6897 "Any science under sonne,
 The severe artz and alle,
 But thei ben lerned for our Lordes love,
 Lost is all the tyme."

The following are examples of alliteration upon a vowel.—

8597 "And inobedient to ben undernome
 Of any lif lyrynge."

8609 "With inwit and with outwit
 Imagynen and studie"

But though no longer entitled to rank as an organic element in English prosody, alliteration was often employed for two centuries later, not only by the inferior rhymesters to whom I have alluded, but by some of the brightest ornaments of English literature. Ascham, with all his contempt for rhyme, did not disdain alliteration, and his Elegy on John Whitney is full of it, though few of the verses go quite so far as this:—

"Therefore, my heart, cease sighes and sobbes, cease sorrowe's seede to sow"

Spenser uses it profusely, and sometimes with very happy effect, but not always judiciously. The following lines are from the Faerie Queene.—

"The knight was nothing nice where was no need"

"But direful deadly black, both leaf and bloom,
 Fit to adorn the dead and deck the dreary tomb"

"And fills with flowers fur Flora's painted lap
 I follow here the footing of thy feet.
 He giveth comfort to her courage cold
 Now smiling smoothly like the summer's day
 Thy mantle marred wherein thou maskedst late."

The alliteration is even more marked in these lines from *Februarie* in the 'Shepheards Calender,' two of which have been already cited for another purpose:—

"But home him hasted with furious heate,
 Encreasing his wrath with many a threate—
 His harmefull hatchet he hent in hand."

And in this, from 'Mother Hubberds Tale : '—

232 "*Gay without good is good heart's greatest loathing.*"

So, T. Heywood, very melodiously, in the 'Hierarchie : '—

"To wail the wants that wait upon the Muse"

Sidney, on the other hand, seldom introduces alliteration. In the 'Arcadia' he censures those who "course a letter, as if they were bound to follow the method of a dictionary;" and in the fifteenth sonnet in 'Astrophel and Stella' he treats it as an evidence of poverty of genius :—

"You that do dictionaries method bring
Into your rimes, running in rattling rows,

You take wrong waies, those far-fet helps be such
As do bewray a want of inward touch"

Shakespeare occasionally ridicules the use, or rather abuse, of alliteration. Thus, in a couplet in the prologue to the interlude of Pyramus and Thisbe in the 'Midsummer Night's Dream,' we have this couplet :—

"Whereat with blade, with bloody blameful blade, ||
He bravely broached his boiling bloody breast" ||

And in 'Love's Labour's Lost,' Holofernes says,—“I will something affect the letter, for it argues facility :—

“The praiseful princess pierced and pricked a pretty pleasing pricket.”

Milton, and the classic school of poets generally, avoid alliteration altogether; and so completely was it banished from English measures during most of the seventeenth century, that its former existence as an element of versification was forgotten. One of Waller's critical biographers says,—“That way of using the same initial letters in a line, which throws the verse off more easily, as—

‘When man on many multiplied his kind,’

was first introduced by him; as in this verse :—

‘Oh, how I long my tender limbs to lay!’”

Dryden revived the use of alliteration, but there was long a certain fastidiousness with respect to its employment. It has, however, been gradually winning its way again to favour, and a great modern poet has not scrupled to write—

“He rushed into the field, and, foremost fighting, fell.” ||

Alliteration was wholly unsuited to the metrical system of the ancients, which rejected all echoing of sound, and its accidental occurrence was regarded as a rhetorical blemish. But it, nevertheless, often passed unnoticed by ears keenly sensible only to the prosodical quantity and musical intonation of words, and examples of the frequent, though doubtless undesigned, repetition of an initial consonant in the same verse or period, occur in the most fastidious of the classic writers. Thus Cicero, in his 'De Senectute,'* has this phrase:—

"Sensum sine sensu ætas senecit;"

and minor critics, who, happily for scholars devoted to graver pursuits, can find leisure for the chase of such small deer, have collected many examples of the like kind in other great authors of ancient Greece and Rome.†

Although specially characteristic of Gothic poetry, alliteration has been by no means confined to it.‡ It is employed by the Finlanders, and by several of the Oriental nations, and after the revival of literature it found its way into the humorous Latin verses of the sixteenth century. The structure of Latin, in which particles and pronouns may often be omitted, facilitates alliteration, however distasteful to classic ears. There are many modern Latin poems in alliterative verse, and the best known of these, the 'Pugna Porcorum,' or 'Battle of the Pigs,' in which every word begins with the letter *p*, extends to several hundred verses.

§ 4 Analogous to purely alliterative poems, or rather their converse, are what are called lipogrammatic compositions. In these a

* c. 11

† In the *Tusc. Disp.* Cicero quotes some remarkable instances of alliterative verse from early Roman poets. Thus, from Ennius.—

"Qui alteri exitium parat,

Eum scire oportet sibi paratum, pestem ut participet parem."—*Tusc. Disp.* li. 17.

From Accius:—

"Major salui moles, majus miscendumst malum,
Qui illius acerbum cor contundam et comprimam.

Impius hortatur me frater, ut meos malis miser
Manderem natos."—*Tusc. Disp.* iv. 36

‡ Alliteration was a regular characteristic of Icelandic verse, and it often appears to have been designedly introduced into prose. There is a long passage in alliterative prose in the 'Saga Olafs konungs hins helga,' K. 60, and a still longer near the close of App. E. to that Saga in *Forn Sög.* v. The following is an extract from the former:—"kallaðu hann línan ok litlátan, þagan ok þugroðan, mildan ok mjúllýndan, titran ok ringoðan, tryggran ok trilyndan, forðgan ok fastorðan, gjoðan ok goðgýrnan, fragan ok fáilyndan, goðan ok glaðpararan, stjórnsaman ok stíltan vel, geymnun at guðs lögum ok goðra manna," etc.

particular letter or letters are excluded; and an ancient poetaster made himself notorious by a paraphrase of the entire *Iliad*, which rejected *alpha* or *a* from the first book, *beta* or *b* from the second, and so of the rest. Lipogrammatism does not affect the rhythm or metre of verse, and so poor a conceit would not deserve to be noticed, had not distinguished authors occasionally practised it. Lope de Vega condescended to this trifling, by writing a novel in which the letters *a* and *l* were not employed. Yriarte was guilty of a similar folly, and there have been some later pieces in the same absurd style.

§ 5. To us, who have no ear for quantitative prosody, alliteration, provided it does not obtrude itself as an affectation, is generally agreeable, and, besides the sensuous pleasure it gives us, it has often, and in earlier stages of the Gothic dialects had still more frequently, a real significance. The inseparable particles used as prefixes were much less freely employed in those languages than in Greek and Latin, and the first syllable of words, which was also usually the accented one, generally contained the radical. Now, particular combinations of consonants are found to occur very frequently in vocables of the same primitive signification, and therefore, of a given number of words, in any homogeneous language, beginning with the same consonant, or combination of consonants, the majority will probably be more or less nearly allied in sense; and consequently, alliteration, or the use of prominent words with the same initial consonants, is a means of giving increased energy to a proposition, by a repetition of the emphatic radicals which enter into it. The pith of the alliterative proverbs so common among the Gothic races often lay partly in this iteration of meaning, and a perception of the relation between cognate words, sometimes obscure, sometimes distinct, not unfrequently gives a keen pungency to idiomatic expressions. On the other hand, where, from the changes of language, words originally allied have become distinguished or opposed in meaning, or where different words in a given proverb or phraseological combination are derived from linguistic sources which ascribe a different signification to initial consonants, the verbal contrast is much aided in effect by alliteration.

Not only do our English proverbs often derive much of their point from this element, but many of our most favourite and most frequently quoted poetical sentiments and similes owe their currency to the same source. Few lines in English poetry are oftener repeated than Campbell's—

“ Like angels' visits, few and far between.”

This simile Campbell borrowed, unconsciously perhaps, from an older author, and he ingeniously contrived at one blow to destroy

the beauty of the thought, and yet make the verse immortal, by giving it a form that soothes the ear and runs glily off the tongue. As is shown in Bartlett's Quotations, John Norris, about the close of the seventeenth century, had said—

“ Like angels' visits, short and bright, ”

and Blair, fifty years later, had improved the thought into—

“ Visits, like those of angels, short and far between.”

The simile is here very beautiful and expressive. Campbell's version is a mere tautological repetition of the latter half of the thought. The adjective *few*, in the phrase “few and far between,” of course refers to the number of visits, not of the visitors. If the visits are “far between,” they must necessarily be “few” with reference to any supposed period of time, and, on the other hand, if they are “few,” but yet continued, as seems implied, through the whole earthly life of humanity, they can be paid only at long intervals. “Few” and “far between” are, then, equivalent expressions, and the brevity of the visits, a circumstance very important to the completeness of the thought, is lost sight of by Campbell altogether. Yet Blair's exquisite simile is rarely quoted, while Campbell's feeble and diluted alliterative version of it is as hackneyed as the tritest proverb. So easily are we led by the ear.* It is fair to admit that the epithets are more fitly applicable to the “hours of bliss,” which form the subject of the couplet—

“ What though my winged hours of bliss have been,
Like angels' visits, few and far between.”

because “few” applied to “hours” may be supposed to indicate a short continuance of time, which it cannot do when referred to “visits,” but to make the simile truly descriptive, the qualifications expressed must belong both to the thing compared, and to that to which it is likened.

§ 6 Bes des alliteration, some Gothic nations nearly allied to the Anglo-Saxon had its converse, namely the ending of words or accented syllables with the same consonant or coalescing consonants, the vowels being different, as, for example, in the words *bad led, find bard, sin run*. We have no name for this coincidence of sound, because it is not with us, or with any of the nations of central or

* Byron's objections to the octosyllabic verse have no better foundation than the alliteration in the phrase “fatal facility;” and many a shallow critic has condemned fine poetry in this beautiful metre, upon the strength of that and other expressions.

southern Europe, a regular metrical element. It might very well be called *consonance*, but that word is already appropriated to express, generally, resemblance of sound, and, specially, *full rhyme* in both the *vowel* and the *consonants* which follow it. In Icelandic poetry this imperfect rhyme is regularly employed, and by the critics of that literature is called *skothending*, a word of obscure etymology, which we may conveniently translate by *half-rhyme*.

§ 7. Although terminal rhyme is known to, and not unfrequently employed by the Icelanders, their poetic consonance generally consists in what is called *line-rhyme*, in conjunction with an alliteration regulated as in Anglo-Saxon. In line-rhyme the corresponding syllables occur, not at the end of successive lines, but in the same line. The rhymes are either of the character which I have described as *half-rhyme*, or like the perfect consonances of other languages, which latter form of rhyme the Icelanders call *aðalhending*.

Line-rhyme is a constituent of all but the most ancient forms of Icelandic verse. Both line-rhyme and terminal rhyme occasionally occur in Anglo-Saxon poetry, though they are neither essential, nor, in the remains of that literature which time has spared to us, frequent; but from the close general analogy between the languages and the poetry of the Anglo-Saxons and the Northmen, and the mutual relations between those nations, it is not improbable that the Anglo-Saxons may sometimes have employed both forms of line-rhyme in a regular way, as the Icelanders always continued to do.

The rule of construction of these consonances is that in each line there shall be two accented syllables which either form a perfect rhyme with each other, or which have the same final consonant or consonants with different vowels. The general distribution of the perfect and imperfect rhymes is, that the half, or consonantal rhyme, shall occur in the first line of the couplet, the full rhyme in the second. The first rhyming syllable may be at the beginning or in the middle of the verse, the second should fall on the penultimate. There are many metres in Icelandic verse, and some of them are discriminated only by logical, rhetorical, or grammatical distinctions. In the favourite metre, or what may be called the heroic, "that in which," as Snorri says, "most finished verse is composed," *með þeirra hætti er flest ort, þat er vandat er*, the lines consist of three trochaic feet or their equivalents, and are arranged in strophes of eight verses. The following imitation exhibits the application of these rules to English verse:—

"Softly now are sifting
Snows on landscape frozen.
Thickly fall the flakes, let,
Feathery-light, together,

Shower of silver pouring,
Soundless, all around us,
Field and river folding
Fair in mantle rarest.

"Clad in garment cloud-wrought—
Covered light above her,—
Calm in cooling slumbers
Cradled, Earth hath laid her,
So to rest in silence,
Safe from heats that chafe her,
Till her troubled pulses
Truer beat, and fewer—

"Every throb is over—
All to stillness fallen!
Flowers upon her forehead
Fling not yet, O Spring-time!
Still yet stay awhile, too,
Summer fair, thy coming!
Linger yet still longer,
Lest thou break her resting."

Although the feet in which the line-rhymes occur are usually separated by intervening words, and arranged according to the rules just laid down, they are sometimes brought together at the beginning of the lines, as in the following verses.*—

"Roll, O roll, for ever!
Rest not, lest thy wavelets,
Shine as shining crystal,
Shrink and sink to darkness!
Wend with winding border
Wide aside still turning,
Green o'ergrown with grasses,
Gay as May with blossoms—

"Toward yon towered castle,
Time-and-rhyme-renowned
Lightly let thy waves then
Leap the steepy ledges,
Pour in purest silver
Proudly, loudly over,
Dancing down with laughter,
Dashing, flashing onward,

* The following is the example of this metre given by Suorn *Edittatal*
132.

"Hilmir hjálma skúrir
herðir sverðs roðna,
hrjóta hvítr askar,
hrynja brynja spángir;
hnykkja hlakkar eidar
harða svarðir landi,
-remma rúmmu glöðr
randa grand of jarli."

"Singing songs unending,
Sweet, replete with gladness.
Drape with dripping mosses
Dell and fell o'erhanging,
Lave with living water
Lowly growing sedges,
Till thy toil-worn current
Turneth, yearning sea-ward."

In another of the very numerous forms of Icelandic poetry, the feet containing the full-rhyme are placed last in the verse, as in this imitation.*—

"Hear the torrent hurry!
Headlong rashly dashing
Down, in deafening thunder,
Depths eye hath not fathomed!
Mighty rocks uprooting,—
Rudely shattering, scattering
All its own bright silver
Into shapeless vapour."

"Stay, O flood, that fliest
Fast toward night unsightly!
Wait, ye waves, a little—
Wisdom's speech would teach you!
Light and life are sweeter,
Lovelier far, than are the
Cloud, the cold, the shadow
Closing round the boundless!"

Although line-rhyme might have been occasionally employed with advantage in Anglo-Saxon verse, as I think it may still be in some departments of English poetry, yet it is fortunate for the interests of our old literature that it did not assume all the fetters of Scandinavian prosody. The Old-Northern mythologic poems, as those of the elder Edda, are much simpler in their structure than those of the later Icelandic bards, and, like *Beowulf* and the poems ascribed to *Cædmon*, they are usually without line-rhyme, and often with but a single alliterative syllable in the first verse of the couplet

* Snorri, *Háttatal*, 135, gives, in the following hemistrophe, an example of the form imitated in the text.—

"A'Imdrosar skýlir ísa
árflest megin bára sára
kænn lætr hres á hronnum
bjálmsvell jofurr gella fella "

In another variation still, in addition to the half-rhyme of the first line, there is a full rhyme in the third and fourth feet, thus.—

"Hræljóma fellir hríml tími
hárfex of gram sára ára
frost nemr of hlyn Hristar, Mistar
berkoidan brum skjaldar aldar "

In point of poetic excellence, the simplest measures generally rank highest, while the excessively intricate and artificial forms of the twelfth and thirteenth centuries have seldom any merit but that which belongs to the skilful execution of *nugæ difficiles*. A conformity to rules so difficult could be purchased only by the frequent sacrifice of the rhetorical beauties of poetry, and the heroic rhymes of the Icelanders are crowded with frigid conceits, and are as inferior to the grand simplicity and the elevated inspiration of Anglo-Saxon poetry, as their narrative prose is superior to the comparatively barren, unphilosophical, and even puerile historical literature of our Anglo-Saxon ancestors.

§ 8 There are also remarkable instances both of alliteration and of line-rhyme where we should least expect to find them, namely, in the literature of Italy and Greece. Take as an example of half-rhyme a stanza of ottava rima in the twenty-third canto of the 'Morgante Maggiore' of Pulci. —

"La casa cosa pareva bretta e brutta,
Vinta dal vento, e la natta e la notte
Stilla le stelle, ch'n tetto era tutta.
Del pane appena ne dette ta' dotte,
Pere avea pure e qualche fratta fruttu,
E svina e svena di botto una botte;
Pocchia per pesci lasche prese a l' esca;
Ma il letto allotta a la frasca fù frescu."

The following sonnet in the Pisan dialect, from a note to the works of Redi, abounds in full line-rhyme —

"Similemente . gente . criatura .
La portatura . pura . ed avenente .
Faute plagente . mente per natura .
Sicchén altura . cura . vola gente .
"Callor parvente . niente . altra figura
Non a fattura . dura . certamente .
Pero neente . sente . di ventura .
Chissua pintura . senza . no prezente
"Tanto doblata . data . vè bellezza .
E adioressa . messa . con plagensa .
Cogna chei pensa . senza . permirata .
"Pero amata . fatta . vunnaltessa .
Che la fermessa . dessa . conoscensa .
In sua sentensa . bezza . onorata ."

Mullach, in his 'Grammatik der Griechischen Vulgarsprache,' cites several lines of alliterative line-rhyming Greek verse from a hymn "by a Christian writer belonging to the school of the later Orphic poets," but without any indication of the probable date of the

composition, which, however, cannot be by any means recent. The following are the first five verses —

Χαῖρε κόρη χαρίεσσα, χαρητόκε, χάρμα τοκίων,
παρθέν' ἐφημερίοις οὐρανίοις τε φίλη
Χαῖρε κόρη πάντων μέγα χάρματι χάρμα λαβοῦσα
χάρμα μεγασθενέων χάρμα τ' ἀφανροτέρων,
Χαῖρε πόνων τε λύττειρα, δόμων βύττειρα τ' ἀνάκτων.

The poem is referred to by Mullach for other purposes, and he makes no remarks upon the character of its versification. It is, however, like the Italian examples just cited, a mere *jeu d'esprit*, and there is not the slightest probability that the authors of any of them knew that they were introducing into their verses the characteristic features of a poetic literature so alien to that of Southern Europe as the songs of the Scandinavian bards. But they are the more interesting for that very reason, as instances of the spontaneous origination of similar poetic forms in nations whose languages and whose literary culture have little or nothing in common.

§ 9. Although half-rhyme may be said to be peculiar to Icelandic poetry, if indeed it did not exist in Anglo-Saxon, yet there are examples of the employment of both full and imperfect line-rhyme in modern English. The mere introduction of a full rhyme in the middle of a verse, as when Coleridge says,

"And ice, mast-high, came floating by,"

is not a case in point, for this is only writing in one line what properly should be counted two; but Byron's verse—

"Lightly and brightly breaks away
The morning from her mantle grey,"—

is a true specimen of line-rhyme, as is also Burns's line—

"Her look was like the morning star ;"

look and *like* forming a half-rhyme. These and some of the many other similar examples are probably accidental, but there are cases where we must suppose the introduction of such coincidences of sound to be intentional, though they have certainly never been regarded as *regular* constituents of any form of English verse *

In Longfellow's 'Miles Standish,' containing about one thousand

* Among the verses prefixed to Sylvester's *Du Bartas*, 1611, there is a *pyramidal* piece, with the heading 'Lectoribus,' which concludes with a couplet containing a quaint half-rhyme.

"Not daring meddle with APelles TABLE,
Th's have I muddled, as my M'sE was able "

verses, there occur not less than forty instances of marked, as well as others of less conspicuous, line-rhyme. These may have been undesignated, but, with Longfellow's trained ear, and his familiarity with Old-Northern literature, I should rather suppose them purposely, or at least not unconsciously, introduced into such lines as the following :—

"Here in *front* you can see the very *dint* of the bullet ;"

"Long at the *window* he stood and wistfully gazed on the *landscape* ;"

"Washed with a cold gray *mist*, the vapoury breath of the *east* wind,
Forest and meadow and *hill*, and the *steel-blue* rim of the ocean"

"You are a *writer*, and I am a *fighter*, but here is a fellow
Who could both *write* and *fight*, and in both was equally skilful."

"Sudden and loud as the *sound* of a soldier grounding his musket."

In this last line the alliteration is very observable, as also in the following .—

"*Steady*, *straightforward*, and *strong*, with irresistible logic."

"Lying silent and sad in the afternoon shadows and *sunshine*."

"*Musing* a moment before them, Miles Standish paused, as if doubtful."

I think the introduction of these consonances a very happy feature in Mr Longfellow's hexameters, and believe that a still more liberal use of them, especially of the line-rhyme, would facilitate the naturalization of a measure not easily reconcilable with English orthoepy.

§ 10. In spite of the excessive difficulty of the Icelandic versification, and the limited number of perfect rhymes which the Old Northern language affords, the bards of that nation seem to have been scarcely inferior to the modern Italians in facility of improvisation. The old sagas contain numerous examples of extemporaneous compositions, of elaborately complicated structure, but with a regular rhythmical flow; and, indeed, most of the verses quoted in the sagas are improvisations. This was rendered practicable only by almost unbounded freedom of syntactical arrangement, and the extent to which the Old Northern poets avail themselves of this liberty, combined with the highly figurative style of their diction, renders the interpretation of their chants a matter of no small difficulty to modern readers *

* 'Harald's Harðráðs Saga,' chapter 108, contains a sort of trial of skill in improvisation, in which King Harald, perceiving a disguised Norwegian warrior, and Þorolf, an eminent skald, all took part. The poetry, indeed, is far from being of a high order, but the incident is interesting on account of a criticism

The use of half-rhymes in Scandinavian verse is neither an accident, nor the arbitrary adoption of a purely conventional form of poetical ornament, but it is a natural result of the Old-Northern system of inflexions. In the Icelandic language the strong inflexions were prevalent in all classes of words which admit of declension or conjugation. The strong inflexion consists, not uniformly, indeed, but usually, in varying words for case or tense, by changing the vowel of the radical syllable, leaving the consonants undisturbed; and hence every verb or noun varied by this method produces in its inflexion half-rhymes. Thus, in English, *bind* makes in the preterite *bound*, *find* *found*, *run* *ran*, *sing* *sang*, and in the participle *sung*; *spring*, *sprung*, *wrote*, and in older forms both *writ* and *wrote*. So in nouns we have singular *foot*, plural *feet*; *man*, plural *men* *

The frequent use of this mode of inflexion could not fail to draw the attention especially to the vowels, the seizing of which was essential to the comprehension of propositions where words so inflected occurred, and the ear would consequently be rendered more acutely sensible to vowel-sounds, and would ascribe to them a greater relative weight in orthoepy than belongs to them in other tongues, which, though the numerical proportions of their vowels and consonants may be the same as in the Gothic languages, are inflected by augmentation. Hence, the vowels might readily become metrical constituents of a character not less important than that which they possessed in the classic metres, and occupy as conspicuous a place in the prosody as in the grammar of the language.

It was natural that an element of articulation syntactically prominent, and just frequent enough in its occurrence to be agreeable and not wearisome, should have suggested itself as a convenient prosodical resource, and it is a proof of the general truth of the doctrine I have advanced concerning the natural relation between inflexions and prosody, that the few inflexional vowel-changes of the Greeks, such as the temporal augment, or the substitution of a prosodically long for a prosodically short vowel, as η for ϵ , ω for o

of the king upon the versification of Thiodolf, who had coupled *grōm* and *skōmm* as a line-rhyme, that is, a syllable ending in a single, with a syllable ending in a double consonant; too great a licence for the nicety of an Old-Northern ear

* In Icelandic, as in English, both forms of inflexion exist, and are not unfrequently employed in the same word, but the strong declension and conjugation are more prominent and marked in the articulation, and the letter-change often extends to more than one syllable, thus *nom. sing. harrari*, a harper becomes *hōrpurum* in the dative plural; *nom. sing. masc. annarr*, other, *ōðrum* in the dative singular.

should have fallen in with their metrical system, just as strong inflexions did with that of the Scandinavian

§ 11. I spoke of half-rhyme as the converse of alliteration. The literature of the Spanish Peninsula presents us with the reverse of half-rhyme. I refer to assonance, an element of a much more subtle and ethereal character than any constituent of prosody which we have hitherto considered. Assonance consists in using the same vowel with different consonants. Thus, *nice* and *might*, *war* and *fall*, *mate* and *shape*, *feel* and *need*, are instances of assonance. This imperfect rhyme may be said to be peculiar to the versification of Spain and Portugal, though it has been employed in Germany by Frederick Schlegel in his tragedy 'Alarcos,' by Apel in his 'Spectre-book,' and by others in translations from Calderon and other Spanish poets. The rule of assonance, disregarding certain exceptions not necessary here to be particularized, requires the repetition of the same vowels in the assonant words, from the last accented vowel inclusive. Thus, *mun* and *hat*, *nation* and *traitor*, *penitent* and *reticence*, are assonant couples of words of one, two, and three syllables, respectively.

To an unpractised ear assonance is scarcely perceptible, and it is the more obscure because it is generally introduced only in alternate verses, or the second of each couplet, the first lines of the successive couplets having neither rhyme, nor any other correspondence of sound. In the following specimen, in order to render the assonance more conspicuous, it is employed in the first three lines of each stanza, the fourth being left blank, and it is made monosyllabic, instead of ending the line with a trochee, as is usual in Spanish verse:—

"Let me choose, and I will dwell
Where the sea, with sounding tread,
Climbeth, till his feathery crest
Brush the mountain's feet

"Let me choose, and on such shore
Will I plant my lowly home,
Where the unresting billows roll
Cliffs eternal near.

"There, beneath transparent s'v'rs,
Where the vine and olive thrive,
Where the golden orange smiles—
Listening to the wave,

"There how gladly would I sleep,
Ocean's music in mine ear,
Through the night of time, nor feel
Weary till the day."

* By way of more exactly illustrating the Spanish assonance, I give a trans

In a former lecture I noticed the large proportion of Romance words which Mrs. Browning employs in her double rhymes. She always prefers the Saxon word where choice is possible, and I ascribe to this preference her employment of assonant or vowel-rhymes to an extent that a more timid poet would scarcely venture upon.

Of about fifty couples of double rhymes in 'The Dead Pan,' a dozen pair are assonants, as *know from, snow-storm*; *honest, admonisht*, *silence, islands*; *glory, evermore thee*; *iron, inspiring*. In the 'Mournful Mother' we find *show him, flowing*; *behold not, folded*; *glory, before thee*; *psalm now, palm bough*; and in the 'Lost Bower,' *advances, branches*; *prized I, unadvised by*; *come there, summer*; *mine be, pine tree*; *for me, door-way*. These are not all Saxon words, it is true, but in most instances one, if not both, of the corresponding words is native, and the admission of assonance in these would render the ear more indulgent in rhymes of foreign extraction. The examples of so high a poetic authority, in introducing assonance as a licence, might well justify systematic experiment upon its regular employment.

§ 12. German literature presents instances of what has been called *annomination*, a word certainly not very expressive of the character of the thing designated. Annomination consists in opposing to each other, at emphatic points in the verse or period, words of similar sound but different signification or use, as in this example from Tieck :—

lation of a few stanzas of a well-known Spanish ballad, in which the principal correspondence falls on the penultimate syllable of the verse —

"Passing was the Moorish monarch
Through the city of Granada,
From the portal of Elvira
To the gate of Bivarambla.
Woe is me, Alhama !

"Letters came to say, Alhama
By the Christians now was holden
On the ground he flung the letters,
Slew the messenger that bore them.
Woe is me, Alhama !

"Straightway from his mule alighting,
Then he leaps upon his charger,
Up the Zacatín he gallops,
Comes in haste to the Alhambra,
Woe is me, Alhama !

"Having entered the Alhambra,
On the instant gave he orders
That the trumpet should be sounded,
And the silver-throated cornets.
Woe is me, Alhama !"

In the original the same assonant vowel, *a*, is continued through the *entire* poem. but this, though very common, is not obligatory, and the vowel is varied in different stanzas of the translation.

“Wenn ich still die Augen lenke,
Auf ich abendliche Stille,
Und nur denke das ich denke,
Will nicht ruhen mir der Wille,
Bis ich sie in Ruhe senke.”

“Twilight stillness when I drink,
And myself am gazing still,
Thinking only that I think,
Then will never rest my will
Till to rest I bid it sink.”

If the English lines happen to remind the reader of Pope's ‘Verses by a Person of Quality,’ he may be assured that the insipidity is not the fault of the translator. Sidney has indulged in this concert in what Landor calls the best of his poems, the eighth song in ‘Astrophel and Stella :’—

“Now be still, yet still believe me,”

and elsewhere he says,—

“A plain song plaine-singing voyce requires.”

Spenser, too, in the ‘Shepheards Calendar,’ Januarie, has these couplets :—

“I love thilke Lasse (*alas!* why do I love?),
And am forlorne (*alas!* why am I lorne?).”

“And thou, unluckie Muse, that wontst to ease
My musing minde, yet canst not when thou should.”

And in ‘Mother Hubberds Tale’—

“Nor ordinance so needfull, but that hee
Would *riotate*, though not with *riocence*.”

A still better example occurs in the Author's Induction to the ‘Mirror for Magistrates,’ Haslewood's edition, l. 15 :—

“And *leaves* begin to *leave* the shady tree.”*

§ 13 Hardly to be distinguished from annomination is the euphuism of Queen Elizabeth's age, which Scott's character of Sir

* Some of these examples remind us of a form of Icelandic verse, several varieties of which are described in the *Hattatal* of Snorri, under the name of *refhvörf*. Its peculiarity consists in the introduction of pairs of words opposite in meaning, such as hot, cold; fire, water; earth, air, attack, defend, &c. In the most perfect examples the words are alike in accent and number of syllables, and they should occur in the same line, but this, of course, would be practicable only to a very limited extent. Snorri gives a strophe of eight lines, composed wholly of such disparate couples, but in most of the varieties he describes, much greater licence is allowed.—*Hattatal*, c. 93-99.

Percie Shafton has made familiar to modern readers. Scott has rather caricatured the style of Lilly, from whose principal work this peculiarity of expression derives its name, and Shafton is more euphuistic than Lilly, the great euphuist himself. Sir Philip Sidney uses euphuism as frequently, perhaps, as any other writer. Such phrases as these are of constant occurrence in his prose works :—

“Remembrance still forced our thoughts to worke upon this place where we *last* (alas that the word *last* should so long *last*!) did grace our eyes upen her ever flourishing beauty.”

“Blessed be thou, Urania, the *sweetest* *fairnesse*, and the *fairest* *sweetnesse*.” ||

Spenser seldom indulges in this fashion of his time, but has occasionally a euphuistic line, as these from the ‘Shepheards Calendar :’—

“With *mourning* *pyne* I; you with *pyning* *mourne*.”

“The soveraigne of *seas* he blames in vaine,
That, once *sea-beate*, will to *sea* againe.”

The style of Fuller is marked by the frequent recurrence of euphuistic expressions, but the exuberance of wit and humour, which overflows even the gravest works of a writer whose amazing affluence of thought and imagination makes him one of the most valuable as well as entertaining of our old authors, leads us often to suspect a smile under the fanciful rhetoric of his most serious exhortations.

§ 14. It is to the comparative rarity of similar sounds, which in languages with terminal inflexions are forced upon the ear to satiety, that we are to ascribe the love of every species of consonance which at one time or another has marked the literature of all the nations of Northern Europe. The passion for alliteration and rhyme is common to the Germans, the Scandinavians, and the English family, and the French are scarcely less fond than ourselves of puns, charades, and conundrums, while in Italy, where the inflexions are much more numerous, no species of verbal wit is so much in vogue. The sermons of Abraham à Santa Clara are remarkable for their incessant use of alliteration, assonance, and consonance, and, though of a later date than the events which form the subject of Schiller’s great drama, are said to have served as the model for the Capuchin sermon in Wallenstein’s ‘Lager,’ of which a very felicitous translation will be found in an early number of the ‘Foreign Review.’

§ 15. The employment of imitative words, measures, and cadences, in poetry, naturally connects itself with the subject we are considering. The ancient writers present many supposed examples of this ornament and adjunct to expression, but our great ignorance of the pronunciation of the classic languages, especially the Greek, exposes us to much risk of error in pronouncing on the resemblance

between the sound and the sense I cannot discuss this branch of the subject on the present occasion, and I shall confine myself to the use of purely imitative words. The employment of these in modern literature has generally been restricted to popular and romantic poetry, and in this they have been introduced with great success. The best examples I can call to mind are Burger's 'Lenore,' and the very fine translation of it by Taylor. In neither of these is the imitation overcharged, or carried beyond what we might expect to hear in a simple but spirited and picturesque oral narrative of the scenes described in the poem. The translation does not in all points come up to the felicity of the original, but in some passages it surpasses it. Thus—

"She herde a knight with clank alight,
And clumbe the stair with speed,"

is very good, but

"And soon she heard a tinkling hand
That twirled at the pin,"

is quite inferior to the

"Ganz lose, leise, klinglingling"

of the original; while

"He cracked his whyppe; the locks, the bolts,
Cling-clang asunder flew,"

is not inferior to Burger's very best lines. In fact, both poems are examples of remarkable skill in the use of mere sound as an accompaniment and intensive of sense. I know, however, in the whole range of imitative verse, no line superior, perhaps I should say none equal, to that in Wild's celebrated nameless poem—

"Yet as if grieving to efface
All vestige of the human race,
On that lone shore loud moans the sea."

Here the employment of monosyllables, of long vowels, and of liquids, without harsh consonantal sounds, together with the significance of the words themselves, gives to the verse a force of expression seldom if ever surpassed.

The present literature of most European nations, certainly of the English and the Anglo-American people, exhibits abundant tokens of a satiety of hackneyed rhymes and stereotyped forms, and it is a question of much practical interest, how far it is possible to find available substitutes or equivalents for them. It is certainly desirable that some check should be put upon the propensity

to rebel against all the restraints, and overleap all the metrical canons of modern poetry; but it is impossible to determine beforehand whether the substitution of assonance and half-rhyme would be allowable or advantageous. We do not now readily seize so vague resemblances of sound, but it seems not improbable that our ear might be trained to perceive and enjoy them, and, in our weariness of familiar forms, the experiment is certainly worth trying.

LECTURE XXVI.

SYNONYMS AND EUPHEMISMS.

§ 1 Definition of synonyms. § 2 Reasons for employing synonyms § 3 Poetical and figurative synonyms. § 4. Synonyms in English derived from different sources § 5. Synonyms owing to euphemism § 6 Terms of abuse. § 7 Tendency in languages to clear themselves of synonyms. § 8 Difference between the particles *yea* and *yes*, *nay* and *no* § 9 Difference between *with* and *since* § 10 Equivocal particles: *or* and *and*. § 11. Disappearance of words indicative of insignificant distinctions § 12 Anal of synonyms of the chase. § 13. Intellectual advantages of the study of synonyms.

§ 1. WEBSTER'S definition of *synonym* is as follows: "A noun or other word having the same signification as another is its *synonym*. Two words containing the same idea are *synonyms*." If this is a true definition, the French *cheval* and the English *horse* are synonyms of each other, because the one has "the same signification" as the other. Again, the verb *to fear*, the noun *fear*, the adjectives *fearful* and *fearless*, and the adverb *fearfully*, are synonyms, each of all the others, because they all "contain the same idea" The definition is manifestly erroneous in both its parts. *Cheval* and *horse* are reciprocally translations, not synonyms, of each other, and as to the other example I have cited, it is a violation of the established use of the word to apply the term synonym to words of different grammatical classes, for synonyms are necessarily convertible, which different parts of speech cannot be. *Synonym*, in the singular number, hardly admits of an independent definition, for the notion of synonymy implies two correlative words, and therefore, though there are *synonyms*, there is in strictness no such thing as a *synonym*, absolutely taken. Properly defined, synonyms are words of the same language and the same grammatical class, identical in meaning; or, more generally, synonyms are words of the same language which are the precise equivalents of each other. And if a definition of the word in the singular be insisted on, we may say that a noun or other part of speech, identical in meaning with another word of the same language and the same grammatical class, is the synonym of that word: or, less specifically, a synonym is a word identical in

meaning with another word of the same language and the same grammatical class. But though this is the proper definition of *true* synonyms, it is by no means the ordinary use of the term, which is generally applied to words not identical, but similar, in meaning. Both in popular literary acceptance, and as employed in special dictionaries of such words, synonyms are words sufficiently alike in general signification to be liable to be confounded, but yet so different in special definition as to require to be distinguished.

§ 2 It has been denied that synonyms have any real existence in human speech, and critical writers have affirmed that between two words of similar general signification some shade of difference in meaning is always discernible. Persons who think, and therefore speak, accurately, do indeed seldom use any two words in precisely the same sense, and with respect to words which do not admit of rigorously scientific definition as terms of art, and which are neither names of sensuous objects, nor expressive of those primary ideas which are essential to, if not constitutive of, the moral and intellectual nature of man, it is almost equally true that no two persons use any one word in exactly the same signification. Every man's conception of the true meaning of words is modified, both in kind and in degree, by the idiosyncrasies of his mental constitution. Language, as a medium of thought and an instrument for the expression of thought, is subjective, not absolute. We mould words into conformity with the organization of our inner man; and though different persons might, under the same circumstances, use the same words, and even define them in the same terms, yet the ideas represented by those words are more or less differenced by the mental characters and conditions of those who employ them. Hence, with the exceptions already made, all determinations of coincidence in, and distinction between, the meanings of words, are approximate only, and there is always an uncertain quantity which cannot be eliminated.

Besides this inherent difficulty, common to all languages, there is the further fact that, in tongues of considerable territorial extension, there are often local differences of usage; so that, of two words of like meaning, one will be exclusively employed in one district, the other in another, to express precisely the same idea.

Again, the unpleasant effect of constant repetition often obliges both speakers and writers to employ different words for the same purpose. For instance, in this course of lectures, I must, to vary the phrase, and avoid wearisome iteration of the same word, use language, tongue, speech, words, dialect, idiom, discourse, vocabulary, nomenclature, phraseology—often, indeed, in different acceptations, but frequently to convey the same thought. For the same reason

one word is often figuratively used as an equivalent of another very different in its proper signification. Thus the wealthy Englishman employs *gold*, the less affluent and commercial Frenchman *silver*, and the still poorer old Roman brass, as synonyms of *money*.

§ 3. There are, moreover, words not distinguishable in definition, but employed under different circumstances. Of this character are many words which occur only in the poetic dialect, and in the ambitious style of writing called "sensation" prose. These in some languages, as in Icelandic for example, are so numerous as to make the poetic and the prose vocabularies very widely distinct. Of this class are, blade, brand, and falchion, for sword; dame, damsel, maiden, for lady or girl, steed, courser, charger, palfrey, for horse; and there are also, in most languages, many words peculiar to the sacred style or language of religion, but still having exact equivalents, the use of which is restricted to secular purposes. In general, words consecrated to religious and poetical uses are either native terms, which in the speech of common life, have been supplanted by alien ones, or they belong to foreign tongues, and have been introduced with foreign forms of poetical composition, or foreign religious instruction.

Nations much inclined to the figurative or metaphorical style have usually numerous words synonymous in their use, though etymologically of different signification. Thus, the Arabic has a large number of names for the lion, and not fewer for the sword. The figurative dialect of the Icelanders is also extremely rich. Snorro's 'Edda' enumerates one hundred and fifty synonyms for "sword," and a proportionate number for almost every other object which could be important in the poetic vocabulary. In such a profuse nomenclature as that of the Arabic and the Icelandic, a large proportion of the words were originally descriptive epithets, drawn from some quality or use of the object to which they are applied, and at other times they are taken from some incident in the popular mythology of the countries where they are employed. Our own *brand*, which occurs also in Icelandic poetry as a name of the sword, is probably from the root of to *burn*, and refers to the flaming appearance of a well-polished blade. Other names are derived from the cutting properties of the edge, from the form of the blade, from the metal of which it was forged, and so of all its material qualities. These, of course, once conveyed distinct meanings, but in many instances the etymology, though known to the learned, was popularly forgotten, and thus these different words came at last to be, in common use, exact equivalents the one of the other.

§ 4. In composite languages like the English there often occur words derived from different sources, which, though distinguished in use, are absolutely synonymous in meaning. For example,

we have *globe* from the Latin, *sphere* from the Greek. The one is fairly translated by the other, and they are identical in signification, inasmuch as all that can be truly affirmed of the one is true also of the other, but they differ in use, and therefore we cannot always employ them interchangeably, *sphere* belonging rather to scientific and poetical, *globe* to popular language. Allied to both these, and often confounded with, or substituted for them, is *orb*, from the Latin *orbis*. This word originally signified a circle, then a flat object limited by a circular boundary, and it was applied both to the felles of wheels, and to wheels cut out of solid timber without spokes, as they often are at this day in the East. Then it was transferred to the heavenly bodies, which present to the eye a plane surface bounded by a circle, or what we generally call a disc, from the Greek and Latin *discus*, a quoit, whence also possibly our word *dish*, and even the German *Tisch*, or table, from general resemblance of form. But when it was discovered that the sun and moon were not discs but spheres, the word *orb* assumed the meaning of *globe*, and afterwards was extended in signification so as to embrace the hollow spheres of ancient astronomy. At present, though not susceptible of rigorously exact definition, *orb* is not distinguishable in sense from either *globe* or *sphere*, though its use is chiefly confined to poetical composition. We have, then, a group of three words, *sphere*, *globe*, *orb*, properly synonymous, and we may add to them the word *ball*, as differing from the others only in being more loosely employed.*

§ 5 Out of difference of use with identity of signification grows what is called euphemism in language, or the substitution of refined or inoffensive words for gross or irritating ones, to convey precisely the same idea. It is difficult to understand how, of two words or phrases precisely alike in meaning, one may be freely used under circumstances where the employment of the other would be considered a flagrant violation of the laws of decorum, but it is probably to be explained partly on the principle of association, which makes repulsive images doubly offensive when they are suggested by words habitually employed by the vulgar and the vile, and strips them of half their grossness when they are recalled by terms which have not yet been incorporated into the dialect of social debasement and of vice. The composite structure of English, giving us a double vocabulary, has supplied us with a larger stock of

* It is remarkable that not one of these words belongs to the Gothic family of languages, and, in fact, we have borrowed almost all our terms precisely descriptive of *form* from Romance sources. Round, square, circle, cube, angle, line, surface, curve,—all these are of Latin etymology, and our claim even to “strught” and “flat,” as native words, is matter of dispute

relatively euphemistic and vulgar expressions than most languages possess, and it will generally be found that the Latin and French elements have furnished the words which are least offensive, probably because they are least familiar, and to our ears least expressive. In the want of the familiarity which, as the old proverb says, "breeds contempt," we find the true explanation of the different impression produced by euphemistic and vulgar words of the same meaning. And it is for the same reason that coarseness of thought, or of diction, in the literature of languages in which we are not entirely at home, is a less repulsive, and therefore, perhaps, a more dangerous source of corruption. The frequent and ostentatious use of euphemistic expressions, however disagreeable as an affectation, arising as frequently from a conscious grossness of mind, which is only made more conspicuous by its awkward efforts to conceal itself, as from an honest fastidiousness, is yet less offensive than the contrary *vice*, for it deserves no milder name, of clothing the sacredest ideas, and communicating the most solemn facts, in the vocabulary of what, for want of a fitter word, we are obliged to designate as *slang*. Narrative and dramatic fiction has gone great lengths in the employment of this dialect in our times, and certain popular writers have unfortunately succeeded in making many words belonging to it almost classical, but there are few things more certainly fatal to habits both of propriety of speech, and of delicacy and refinement of thought, than indulgence in so reprehensible a practice. True it is, the source of growth in language is in the people, but this source, unhappily, is not a "well of English undefiled," and though the popular mint yet strikes some coin of sterling gold, the majority of its issues are of a baser metal.

§ 6 There is another large class of words which are used indifferently, not because they express precisely the same ideas, but because they do not express any clearly definable ideas at all.* Such are most terms of abuse and vituperation, which generally serve rather to convey an impression of the speaker's moral status than a distinct notion of the exact character and degree of depravity he imputes to the subject of his discourse. This consideration suggests the duty, or at least the expediency, of extreme reserve in the use of words which give the hearer to understand, not that we have cause to believe the supposed offender to be guilty of any specific violation of the laws of God or man, but that we are

* "Il m'appelle jacobin, révolutionnaire, plagiaire, voleur, empoisonneur, faussaire, pestiféré ou pestifère, enragé, imposteur, calomniateur, libelliste, homme horrible, ordurier, grimacier, chiffonnier Je vois ce qu'il veut dire, il entend que lui et moi sommes d'avis différent."—PAUL LOTIS COURIER, *Seconde Lettre Particulière*

ourselves in a frame of mind which almost necessarily involves some sacrifice of self-respect, some disregard of that charity which the obligations of both religion and society require us to show towards our fellow-man.

§ 7. De Quincey has said, and Trench quotes and approves the passage, that "all languages tend to clear themselves of synonyms as intellectual culture advances—the superfluous words being taken up and appropriated by new shades and combinations of thought evolved in the progress of society." De Quincey is here speaking of words strictly synonymous, not of those generally called synonyms, but which are distinguishable both in meaning and in use. The remark might have been made more comprehensive with equal truth, for there is a manifest inclination in modern languages to clear themselves not only of synonyms, but of all superfluous niceties of expression, and to this tendency we may in part ascribe the rejection of inflexions in grammar in cases where the meaning is sufficiently plain without them.

§ 8 There is an example of the rejection of a needless subtlety in the case of our affirmative particles, *yea* and *yes*, *nay* and *no*, which were formerly distinguished in use, as the two affirmatives still are in our sister-tongues, the Danish and Swedish. The distinction was that *yea* and *nay* were answers to questions framed in the affirmative, as, Will he go? *Yea*, or *Nay*. But if the question was framed in the negative, Will he *not* go? the answer was *Yes*, or *No*. In Danish and Swedish the distinction is limited to the affirmative particles, and the negative form shows no trace of it. Thus, to the question Will he go? the affirmative answer is *Ja*: to the question Will he *not* go? the affirmative answer is *Jo*, while *Nei*, or, in the Swedish orthography, *Nej*, is the negative answer to both.

These distinctions seem to be refinements belonging to the period when all the modern European languages showed a living *nisus formativus*, a tendency to the development of new and original forms. The etymological ground of this subtlety has not been satisfactorily made out; and though there is no doubt that it originally rested, if not on a logical, yet at least on a grammatical foundation, it had, at the earliest period to which we can trace it back, become a mere verbal nicety wholly independent of the point of view from which the question was regarded by the speaker, and therefore adding nothing to the force or clearness of expression. A subtlety like this, a distinction in words which suggests no difference of thought, was repugnant to the linguistic sense of an intellectual, and at the same time a practical people, and it therefore did not long survive the general diffusion of literary culture among the English nation. It may be doubted whether modern scholars would have detected the former existence of this obsolete nicety, if it had not been revealed to

us by Sir Thomas More's criticism upon Tyndale for neglecting it in his translation of the New Testament. That it was in truth too subtle a distinction for practice is shown by Sir Thomas More himself, for he misstates the rule when condemning Tyndale for the violation of it; and what is not less remarkable is the fact, that Horne Tooke, Latham ('Eng Lang,' 2nd ed., p. 528), and Trench ('Study of Words,' 156), have all referred to or quoted More's observations, without appearing to have noticed the discrepancy between the rule, as he states it, and his exemplification of it.*

§ 9 As this idle refinement was passing away, there arose a real, substantial distinction between two particles, or rather between two forms of the same particle, which had previously been used indiscriminately in two different senses. Down to the middle of the sixteenth century, and indeed somewhat later, *sith*, *seththe*, *syth*, *sithe*, *sythe*, *sithen*, *sithan*, *sythan*, *sithence*, *since*, *syns*, and *sens* were indifferently employed, both in the signification of *seeing that*, *inasmuch as*, *considering*, and of *after* or *afterwards*. About that period good authors established a distinction between the forms, and used *sith* only as a logical word, an illative, while *sithence* and *since*, whether as prepositions or as adverbs, remained mere narrative words, confined to the signification of *time after*.

It is evident that, although the former of these notions is a derivative, the latter a primitive sense, they are nevertheless distinct, and it is very desirable to be able to discriminate between them by appropriate words. The radical is found in a great number of forms in Anglo-Saxon and the related languages, and in all of them has primarily the sense of *time after*. But the conclusion is always posterior to the reason, and *post hoc, ergo propter hoc*, is the universal expression of all that the human intellect knows concerning the relation of cause and effect. Hence, it was very natural that a word implying historical sequence should acquire the sense of logical consequence. The discrimination between the two meanings, and the appropriation of a separate form to each, originated in the subtle, metaphysical turn of mind which characterized the fathers of the Reformation in England, nor have I, upon examination of the works of numerous writers of earlier periods, been able to find one who clearly distinguishes the two senses by the use of different forms. Some authors employ for both purposes *sith* alone, some *sithen* or *sithence*, others *sens* or *syns*, and others, again, two or more of these modes of spelling. The fullest, most uniform, and most satisfactory exemplifications of the discrimination will be found in Spenser, who

* The question is so curious that the whole passage is given in Notes and Illustrations (A), On the use of the Particles "For" and "For," "Na," and "Na."

seldom neglects it, Sylvester the translator of Du Bartas, and Hooker, All these writers belong to the later half of the sixteenth century, immediately after which all the forms of the word except *since* went out of use, and of course the distinction, which seemed to have become well established, perished with them. The English Bible of 1611 generally employs *since* for both purposes, but it is a curious fact that in the book of Jeremiah both forms are used, and in every instance accurately discriminated. The disappearance of the double form and double sense of the word was very sudden, for, though the distinction was observed, by writers as popular as any in the literature, down to the very end of the sixteenth century, yet in Minshew's 'Guide into the Tongues,' an English polyglot dictionary, first published in 1617, *since* is the only form given for both senses, and *sythan* is simply referred to as "Old English."*

In speaking of the introduction of the neuter possessive *its*, on a former occasion, I observed that, in the embarrassment between the new word and the incongruous use of *his* as a neuter, many writers for a considerable period employed neither form. There was a similar state of things with regard to *sith* and *since* at the beginning of the seventeenth century, and there are important English authors who systematically avoid them both.

It is much to be regretted that later writers have disregarded a distinction logically so important. The restoration of *sith*, and with it the distinction between *sith* and *since*, would be a substantial benefit to the English language; and I have little doubt that a popular writer who should revive it would find himself sustained by the good sense of the English people.

§ 10 Many of our particles, the conjunctions especially, are very equivocal in their signification, and we much need a new alternative

* I have not cited Shakespeare as an authority for the distinction in question, because, for want of an entirely satisfactory text, I find it impossible to determine whether he constantly observed it or not. Mrs Clarke's *Concordance* does not inform us what edition was made the basis of her labours, but, as she occasionally cites different texts, I presume all those consulted by her agree upon this particular point. The *Concordance* gives sixteen examples of the use of *sith*, in all cases as an illative, but *sithence* occurs in *All's Well that Ends Well*, i. 3, in the same sense, as, according to Knight's text, does *since*; also in *Hamlet*, v. 2; *Twelfth Night*, v. 1, twice; *King Richard II* ii. 1, twice, *ib. sc. 2*; *Part I King Henry IV.* v. 5; and *Henry V.* i. 1. *Since* is used for *time after* in *Twelfth Night*, v. 1; twice in *All's Well that Ends Well*, iii. 7; in *Romeo and Juliet*, i. 2, twice, and in *As You Like It*, v. 2. Many other examples of the use of *since* in both senses might be given; and therefore it would appear that, while Shakespeare used *sith* only as an illative, he employed *since* indifferently to express sequence and consequence. Perhaps a critical examination of the first editions might determine the question, and I think it highly probable that the double use of *since* is chargeable to the editors or printers, not to the author.

and a new conjunctive. The particle or is said by grammarians to be used both as a conjunctive and as a disjunctive. The double sense of this word, which may imply in one period that two objects or propositions are equivalent, if not identical,—in another, that they are unlike, diverse, incongruous,—is a fertile source of equivocation in language, and it is very singular that the urgent want of two alternatives has not developed a new one, and restricted our uncertain or to a single meaning.* The conjunction and is almost equally vague in signification. We find an exemplification of this in the case of "Stradling versus Stiles," where Pope, or Swift, or Arbuthnot, or perhaps all three, have illustrated the uncertainty of the law and of language by supposing a will, in which a testator, possessed of six black horses, six white horses, and six pied, or black-and-white, horses, bequeathed to A B "all my black and white horses," and thereupon raising the question, whether the bequest carried the black horses and the white horses, or the black-and-white horses only. The equivocation here does not, indeed, lie wholly in the conjunction, but, nevertheless, the use of a proper disjunctive particle, had such a one existed, would have prevented it.

§ 11 The loss of the short-lived distinction between sith and sithence or since is an exception to the general tendency of English, which is towards the discrimination of similar shades of thought in logical, metaphysical, argumentative, and æsthetical language, and to the rejection of needless subtleties in the designation of material things. In proportion as we multiply distinctions between intellectual functions, and between moral states or their manifestations, and consequently the words to express them, as we enlarge the nomenclature of criticism, and subtilize the vocabulary of ethics and metaphysics, we incline to discard nice differences between terms properly belonging to material acts and objects, and to suffer words expressive of them to perish. An individual or a people earnestly occupied with serious studies, or other pursuits making large demands on the intellect, will habitually neglect the vocabulary of arts and occupations of a lower grade, and will disregard distinctions between

In modern English, either, used as a conjunction, is always a disjunctive, and is only grammatically distinguished from one of the senses of or, but in some early English writers, as, for example, in the Wycliffite school of translators, there are traces of a logical distinction between these particles. Either was very commonly employed to indicate difference, alternation, opposition, and so to mark identity of meaning. Thus in both texts, Co' i 20, "the thingis that ben in erth either that ben in heven." In the numerous glosses of the older, or Wycliffite version of the New Testament, or is employed as the sign of identity, or of likeness, as in v. 21 of the chapter just cited "alened, or mass strange;" in v. 25, "mystra, or seruante;" in v. 26, "the mystra, or prioste." This distinction is not uniformly observed by Wycliffe, but still so generally as to show that he recognised it.

the names of acts and things too trivial and insignificant to be susceptible of important differences. Few counsellors, indeed, would now boast, with Lord Erskine, that they could not distinguish a field of lavender from a field of wheat,* but every man familiar with country-life is aware that even farmers now confound in name many of the operations of rural economy which were formerly distinguished by appropriate terms. The vocabulary of the field and the kitchen, except as it is enlarged by the introduction of new processes, new objects, and new subjects of thought and conversation, grows poor, as the dialect of the intellect and the conscience becomes more copious, comprehensive, and refined. I may exemplify what I mean by the word *fetch*, which, though still in use in England, has grown almost wholly obsolete in many parts of the United States. *Fetch* properly includes the going in search of an object, and *go*, when used with it, is redundant, because it only expresses what *fetch* implies. *Fetch* is almost exactly equivalent to the German *holen*, and, as is said of the latter word, he only can *fetch* a thing who goes purposely after it. Now the distinction between *fetching* that which we go expressly to seek, and *bringing* that which we have at hand or procure incidentally, is comparatively unimportant, and may well be disregarded as a thing of inferior moment. Hence it is not often heard among us. The distinction between *carrying* and *bringing* is more simple and obvious, and both words are accordingly retained, but there is a tendency to confound even these, and it is not improbable that one of them may go out of use.

Thus far the disappearance of words indicative of insignificant distinctions, and which tend only to burden the memory with useless lumber, is not an evil to be deplored, but there were in Anglo-Saxon, and in the Scandinavian sister-tongues, numerous words expressive of slight differences of structure or outline in the features of natural scenery, the decay of which is a loss both to poetical imagery and to precision of geographical nomenclature, though their places have been more or less adequately supplied by new terms of foreign importation. Some of these words still exist as proper names of particular localities, though no longer current as common nouns. The admirers of Wordsworth will remember two of them, which occur more than once in his poems as parts of local names,—*gill*, a rocky ravine, and *fors* or *force*, a cascade or water-fall. It is a curious circumstance with regard to both of these words, that they are Old Northern, and not met with in the extant remains of Anglo-Saxon literature, and hence they were probably applied to particular localities by the Danish invaders of England, and never understood as descriptive terms by the natives who adopted them.

* Cobbett, *Treatise on Cobbett's Corn*, p. 1

§ 12 The largest class of duplicates of common words which has become obsolete is perhaps that of the technical terms of the chase. In the days of feudal power and splendour, hawking and hunting constituted the favourite recreation of the higher classes, and the importance attached to these sports, both as healthful amusements and as a half-military training, naturally led to the cultivation and enlargement of the vocabulary belonging to their exercise. The early English press teemed with treatises on the chase, and the 'Book of St. Albans,' first printed in 1486, is very full on the subject of the nomenclature of the gentle craft. From this and other works on the same subject we learn that the nobler beasts and fowls of chase took different names for every year of their lives, until full maturity, as domestic animals still do to some extent in the United States, but more especially in England, and that all the important parts, products, and functions of each of these animals had its peculiar designation not common to the corresponding part or act of other quadrupeds or birds. The habits of different creatures, and all the operations of the chase connected with each, had terms exclusively appropriated to the species, and even the art of carving changed its name with the game upon which it was exercised. Thus Dame Juliana Berners, the reputed author of the 'Book of St. Albans,' informs us that in gentle speech it is said "the hauke *joulyth*, not *slepeth*, she *resourmeth* her *feders*, and not *pyckyth* her *feders*; she *roirsith*, and not *shaketh* herselfe, she *mantellyth*, and not *stretchyth*, when she putteth her legges from her, one after a nother, and her wynges folowe her legges, and when she hath mantylled her and bryngeth both her wynges togyder over her backe, ye shall saye youre hawke *warbellyth* her wynges." So, to designate companies, we must not use names of multitudes promiscuously, but we are to say a *congregacyon* of people, a *hoost* of men, a *flyelyppynge* of yomen, and a *bevy* of ladies, we must speak of a *herde* of dere, *swannys*, *cranyes*, or *wrenys*, a *sege* of herons or bytourys, a *muster* of peccokes, a *scathe* of nyghtyngales, a *flyghte* of doves, a *claterynge* of choughes, a *pryde* of lyons, a *scuthe* of beeres, a *gagle* of geys, a *skulle* of foxes, a *sculle* of frerys, a *pontificaltyte* of prestys, and a *superfluyte* of nonnes and so of other human and brute assemblages. In like manner, in dividing game for the table, the animals were not carved, but a *dere* was *bro' en*, a *gose reryd*, a *chekyn frussed*, a *cory unlaid*, a *corno dyspayed*, a *carlone unmounted*, a *quyle wynggyd*, a *swanne lyfte*, a *lambe slobbered*, a *heron dysmembryd*, a *pecocke dysfigured*, a *sarron dlynnyd*, a *bradoke sdyd*, a *sole loynyd*, and a *berne ylayd*. The characteristic habits, traces, and other physical peculiarities of animals were discriminated in the language of the chase with equal precision, and a strict observance of all these niceties of speech was more important as an indication of breeding, or, in the words of Dr. Johnson,

Juliana Berners, as a means of distinguishing "gentylmen from ungentylmen," than a rigorous conformity to the rules of grammar, or even to the moral law.

The old romances ascribe the invention of the vocabulary of the chase to the famous Sir Tristram of the Round Table, and the 'Morte d'Arthur' says,—

"Me semeth alle gentylmen that beren old armes oughte of ryght to honoure syre Trystram for the goodly termes that gentilmen have and use, and shalle to the daye of dome, that there by in a maner alle men of worship maye disscover a gentylman fro a yoman, and from a yoman a vylayne For he that gentyl is wylle drawe hym unto gentil fatches, and to folowe the custommes of noble gentylmen."

That most of these words pointed originally to a real difference between the objects or the processes indicated by them, there is little doubt, but the etymology of many of them is lost, and those not now retained in different, or, if similar, more general applications, have become wholly obsolete, though some which have disappeared from literature still exist in popular or provincial usage.

✓ § 13. The study of synonyms has always been regarded as one of the most valuable of intellectual disciplines, independently of its great importance as a guide to the right practical use of words. The habit of thorough investigation into the meaning of words, and of exact discrimination in the use of them, is indispensable to precision and accuracy of thought, and it is surprising how soon the process becomes spontaneous, and almost mechanical and unconscious, so that one often finds himself making nice and yet sound distinctions between particular words which he is not aware that he has ever made the subject of critical analysis. The subtle intellect of the Greeks was alive to the importance of this study, and we not only observe just discrimination in the employment of language in their best writers, but we not unfrequently meet with discussions as to the precise signification of words, which show that their exact import had become a subject of thoughtful consideration before much attention had been bestowed upon grammatical forms. In a tongue in the main homogeneous, and full of compounds and derivatives, the source of the word would naturally be first appealed to as the key to its interpretation. Etymology is still an indispensable auxiliary to the study of synonyms, but in a composite language like English, where the root-forms are inaccessible to the majority of those who use it, the primary signification of the radical does not operate as a conservative influence, as it did in Greece, by continually suggesting the meaning, and thus keeping the derivative or compound true to its first vocation. Words with us incline to diverge from the radical meaning; and therefore etymology, though

a very useful clue to the signification, is, at the same time, a very uncertain guide to the actual use of words. And this is especially true of what may be called secondary derivatives, or words formed by derivation or composition from forms, themselves derivative or compound, or borrowed from foreign sources. The study of words of this class is one of the most difficult points of our synonymy; and it is often a very puzzling question to decide why, for example, two substantives allied in meaning should be distinguished by one shade of signification, and the corresponding adjectives, which we have formed from them, by a totally different one. I objected to the latter part of Webster's definition of synonym, because, by applying that name to all words "containing the same idea," it makes different parts of speech synonyms, which is contrary to established usage. We have no term to designate words differing in etymology, and in grammatical character, but otherwise agreeing in meaning; but to pairs of words, derived from the same root, and differenced in meaning only by grammatical class, we apply the epithet *conjugate*, or, more rarely, that of *paronymous*. Strictly speaking, the ideas expressed by the two must be identical, but, as they are more generally distinguished by some slight difference of meaning, the term *conjugate* is loosely used to express identity in etymology, with only general likeness of meaning, in words of different classes. *Cost* and *costly*, for example, are strictly conjugate, *faith* and *faithful*, in some of their senses, are exactly so, in others not; while *grief* and *grievous*, *polish* of manner and *politeness* of manner, *grace* and *gracious*, *pity* and *pitiful*, as ordinarily used express quite different ideas. The verb to *affect* has a number of disparate uses in its different inflected forms and its derivatives. When it means to produce an effect upon, to influence, or to like, to have a partiality for, it has no conjugate noun. for *affection* in neither sense exactly corresponds to the verb. *Affect*, to simulate, to pretend, and *affectation*, are conjugate, although not generally considered so, because most persons are not aware that the unnatural airs, called *affectation*, are really founded in hypocrisy, or false assumption. The participle and participial adjective *affecting*, touching, or exciting to sympathy or sorrow, and the passive form *affected*, have still another meaning, in which the active verb is rarely employed.

Few languages are richer than English in approximate synonyms and conjugates; and it is much to be regretted that no competent scholar has yet devoted himself to the investigation of this branch of our philology. The little manual edited by Archbishop Whately, containing scarcely more than four hundred words, is, so far as it goes, the most satisfactory treatise we have on the subject.*

* The Saxon part of our vocabulary, partly from the inherent character

Crabbe's 'Synonyms' is valuable chiefly for its exemplifications; but the author's great ignorance of etymology has led him into many errors,* and it cannot pretend to compare with the many excellent works on the synonymy of the German, French, Danish, and other European languages. But in the increasing interest which the study of English is exciting, this, as well as other branches of lexicography, will doubtless receive a degree of attention which will contribute to give to the history of English a rank corresponding to the importance of that tongue, as one of the most powerful instruments of thought and action assigned by Providence to the service of man.

the class of ideas for the embodiment of which it is chiefly employed, and partly because of its superior expressiveness, is generally very free from equivocation, and its distinctions of meaning are usually clearly marked. The number of Anglo-Saxon words approximate to each other in signification is small, and the distinction between those liable to be confounded is grammatical, more frequently than logical. In the *Treatise on Synonyms*, edited by Whately, something more than four hundred and fifty words are examined and discriminated, and of these less than ninety are Anglo-Saxon. The relative proportions in Crabbe's much larger work are not widely different.

* Exempli gratiâ, *doze* (allied to the Anglo-Saxon *dwæs*, and the Danish verb *dose*), we are informed, is a "variation from the French *dors*, and the Latin *dormio*, to *sleep*, which was anciently *dermio*, and comes from the Greek *ἐρμα*, a *skin*, because people lay on *skins* when they *Slept*!" (Crabbe, *Syn.* under *Sleep*.) With equal learning and fidelity, he derives *doubt* from "*do* and *ub*, *uber*, *over*, signifying literally to *do over* with anything unseemly."

NOTES AND ILLUSTRATIONS

A ON THE USE OF THE PARTICLES *Yea* AND *Yes*, *Nay* AND *No* (See p. 415.)

The passage of Sir Thomas More referred to in the text will be found in *The Confutacyon of Tyndale's Answer*, made anno 1532, by Syr Thomas More, page 448 of the collected edition of More's works printed in 1557. The text criticized is John i. 21, as translated by Tyndale, which More quotes as follows: "And ther asked him, what then, art thou Helias? And he said I am not. Arte thou a prophete? And he answered, No."

Upon this our author remarks —

"I woulde here note by the way, that Tyndal here traslateth *no* for *nay*, for it

is but a trifle and mistaking of ye Englishe worde, saving that ye shoulde see yt he whych in two so plane englishe wordes, and so commen, as is *naye* and *no*, can not tell when he should take the tone and whet the tother, is not for traslating into englishe a man very meete. For the use of these two wordes in answering a question is this. *No* answereth the question framed by the affirmative. As for ensample, if a manne should aske Tindall hymself ys an heretike mete to translate holy scripture into englishe? Lo to this question if he will aunswere trewe englishe he must aunswere *naye* and not *no*. But and if the question be asked hym thus, lo, *Is not* an heretyque mete to tras-

late holy scripture into Englishe? to this question lo if he wil answer true englishe he must answer *no* and not *nay*. And a lyke difference is there betwene these two aduerbes *ye* and *yes*. For if the question be framed unto Tyndall by the affirmative in this fashion, If an heretique falsely translate the newe testament into englishe, to make his false heresyces seeme the worde of Godde, be his books worthy to be burned? to this question asked in this wyse if he will answer true englishe he must answer *ye* and not *yes*. But nowe if the question be asked hym thus lo by the negative, If an heretike falsely translate the newe testament into Englishe, to make his false heresyces seme the word of God, be not his booke well worthy to be burned? to this question in this fashion framed, if he will answer true englishe he may not answer *ye*, but he must answer *yes*, and say, *yes* may be they, bothe the translation and the translator, and al that will holde wyth them."

The first question supposed is in the affirmative form - "Ye an heretike mete to translate holy scripture into Englishe?" and if Sir Thomas is right in answering it by *nay*, as he unquestionably is, then his first rule, "No answereth the question framed by the affirmative," is wrong. Tooke calls this "a ridiculous distinction," and evidently supposes that it was an invention of Sir Thomas himself. Later writers, also, have doubted whether there is any ground for believing that such a rule ever existed. It is, however, certain that the distinction was made, and very generally observed, from the end of the fourteenth century to about the time of Tyndale and Sir Thomas More, soon after which it became obsolete.

Yes and no were usually though not with absolute uniformity, limited to the office of answering a question negatively framed, while *yea* and *nay* served both as answers to affirmative questions, and as intensives in reply to remarks not made interrogatively.

Although there are traces of these distinctions in Anglo-Saxon, I find no evidence that they were observed in Moso-Gothic, and they were certainly unknown in Old Northern, though modern Icelandic has recently borrowed from the Danish the particle *jó* (jo), as the affirmative answer to a negative question.

In Moso-Gothic there are two forms of the affirmative particle. In Matthew, v 37, in the command, "But let your communication be, Yea, yea; Nay, nay," Ulphilas has *Ja, ja, Ne, ne* but in Matth ix 28, Matth xi 9, John xi 27, and Luke vi 26, where the query is in the affirmative form, and in Mark vi 28, where the particle is intensive merely, no question preceding, *ja* is used. The only form of the negative particle *no* found in Ulphilas is *ne* (*ni* and *nih*, signifying, *not, neither, nor*), but in the existing remains of the Moso-Gothic Scriptures, but one case, John xviii 25, occurs of a direct affirmative or negative reply to a negative question. The other passages of the Gospels which contain such forms, as Matth xviii 25, and John viii 10, are wanting.

In the Anglo-Saxon Gospels, John xv 15, 16, where the questions are put affirmatively, the answer is *gea*; in Matth xvii 25, to a negative question, the answer is *gese*. In Luke xii 51, xiii 5, to affirmative questions, the negative answer is *ne*, in John xxi 5, and Matth xiii 29, the answer is *nese*; in John i 21, and John xviii 17, again *ne*. In John viii 10, a negative question is answered negatively *nā*, in John ix 9, *nese*, and in Luke xiii 3, an affirmative question is answered negatively, *Ne, sege ic, na*, two forms being employed. In Aelfric's Homily on Pentecost day (*Homilies of Aelfric*, i 316), in the reply of Sapphira, quoted from Acts v 8, *gea* is the affirmative answer to an affirmative question. In the Saxon Chronicle, An MLXXVII, Ingram's edition, p 267, *ia* (*gea*) is the reply to an earnestly repeated request. In Alfred's *Boethius*, c. xvi § 4, and in c xxxiv § 6, *gese* is the affirmative answer to negative questions, and in six cases in c. xiv § 1, cxxiv § 4, c xxvi. § 1, c xxvii § 2, *nese*, the negative reply to affirmative questions, but in c xxiv § 4, *nese* answers negatively a question involving a negative. In *Aelfric's Colloquium*, Klipstein's *Analecta*, A S I pp 197, 198, and 203, we find affirmative questions affirmatively answered by *gea*, but on p 199 *gea* is used for the same purpose with a question put negatively, and on p 202 *ne* occurs as the negative reply to an affirmative question.

So far as these examples go, they, with a single exception, tend to prove

that the distinction was made in the affirmative particle, but they show some vacillation in the use of the negative. I have examined Alfred's *Orosius*, the texts published by the Aelfric Society, all the poems in Greim's *Bibliothek der Angel-Sächsischen Poesie*, all the selections in Klipstein's *Analecta*, and many minor pieces, besides the volumes above referred to, without finding any other examples of the use of the particles as replies to direct questions, though there are many instances of the employment of both as intensives.

Yea (*yuse*) occurs in Layamon (ii 297), in answer to a question affirmatively framed, but still in a form implying disbelief, and thus may be considered as following the rule. I believe *yea* and *no* are not found in that work, but *nay* is twice used as an intensive. In the *Ormulum*, I think there is no instance of a direct question with an answer by either particle. *Yea* and *nay* are the only forms given in Coleridge's *Glossarial Index to the Literature of the Thirteenth Century*, but I have not the means of consulting the authorities referred to. *Yea* is used by Robert of Gloucester in answer to an affirmative question, and *nay* by him and Robert of Brunne, but I believe as an intensive only. I have not met with either *yes* or *no*, or indeed a proper case for the use of them, that is, a question put negatively and admitting a direct answer, in any English author earlier than Wycliffe and his contemporaries. In *Piers Ploughman*, *yea* and *nay* are found several times as answers to affirmative questions, and as intensives in other cases. *No* occurs in verse 8977 of the *Vision*, without a question preceding, and *yes* in verse 6750, under similar circumstances. *Yes* is used in verses 2721 and 11963, in both cases according to the rule, in verse 3776, as an intensive, in reply to a negative assertion, and in verse 2937, contrary to the rule, as an answer to a query put affirmatively.

Gower employs *yea* and *yes*, *nay* and *no*, almost indiscriminately, and of course without regard to the rule.

Wycliffe, according to the Oxford edition of 1850, in Matthew xvii. 25, uses *yea*, contrary to the rule, but the later text of the same passage has *yes* in conformity to it. In Romans iii. 29, in both texts, *yes* conforms to the rule. In James v. 12, Wycliffe has *yes*, the later

version *yea*. In Matth v 37, ix 28, xi 9, xiii 29, 51, xv 27, xxi 16, Luke xii 57, John i 21, xi 27, xxi 5, 15, 16, Acts v 8, xxii 27, Romans iii 9, 28, *yea* and *nay* answer questions affirmatively framed. I believe *no* does not occur in the Wycliffite versions of the New Testament as an adverb, the answer to the negative question in John viii 10 being "no man." In John ix 9, *nay* is used in both texts, apparently as an answer to a negative question, but this is a doubtful case, for the particle may perhaps be regarded as a contradiction to the affirmative answer of "othere men." Hence it will be seen that, though Wycliffe occasionally departs from the rule, the later, or Purvey's, text, with the doubtful exception just cited, uniformly adheres to it. In Chaucer, I find, upon a cursory examination, fifty instances of the occurrence of *yea*, *yes*, *nay*, and *no*, and in these there is but a single case of disregard of the rule. In this example *nay* answers an affirmative question, and there are two or three cases where *yes* is employed as an intensive, generally however in reply to remarks involving a negative. In a like number of examples in Mallory's *Morte d'Arthur*, Southey's reprint, I find the distinction made with equal uniformity, and the observance of the rule is very nearly constant in Lord Berners' *Arthur of Little Britain*, and in the Froissart of the same translator. It is in most cases followed in the works of Skelton, though, in this latter writer's time, usage had begun to vacillate. I have examined many other authors with the like result, and think we may say that, from the time of Chaucer to that of Tyndale, the distinction in question was as well established as any rule of English grammar whatever.

A curious form of *yes* occurs in Wycliffe, *N T*, 2 Cor i 18. "Ther is not in it *is* and *nay*, but in it *is is*" [Gloss, *that is, treuthe*], and verse 19. "Ther was not in him *is* and *nay*, but in hym *is was*" [Gloss, *that is, stedefast treuthe*]. In the latter text these passages read "*is* and *is* not *is* not ther *yenne*, but *is is* in it," and, "ther was not in hym *is* and *is* not, but *is was* in hym." So in James, v 12 "Forsothe be your word, *Is, is, Nay, nay,*" &c. The Wycliffite translators, or at least Purvey, seem to have supposed that the affirmative particle was a form of the substantive verb,

Sir Thomas More's criticism on Tyndale was not universally acquiesced in, for Coverdale, whose translation was printed in 1535, Cranmer in 1539, the Geneva in 1557, and the Rheims in 1582, as well as the authorized version in 1611, all have *No*, in the text John i 21. Indeed, I think Sir Thomas himself was the last important author who followed the rule, though in the early part of his life, as is sufficiently shown by the works of Lord Berners, it was still in full vigour.

[On this subject the student should consult Sir Edmund Head's instructive paper 'On Certain Affirmative and Negative Particles of the English Language,' in his work *Shall and Will*—Ed.]

B ON THE WORD *Soon*

Gil, who lived in Shakespeare's age, informs us that *soon* had lately acquired a peculiar sense "*Quikē citō, sūner citior aut citūs, sūnest citissimus aut citissimē, nam sūn hodie apud plurimos significat ad primam vesperam, okm, citō*" (*Log Ang* 2nd ed. p 34) *Soon* is not in Mrs Clarke's *Concordance*, and therefore it does not help us in the inquiry whether Shakespeare ever gave

this meaning to that adverb. Is *soon*, in this sense, the same word, or of another etymology? Minshew, under *soone*, refers to *evening*.

In the *Romaunt of the Rose*, v. 21-24, we find this passage —

"Within my twentie yeare of age,
When that love taketh his corage
Of younge folke, I wente *soon*
To bed, as I was wont to doone"

Here *soon* evidently means *early*.
The following examples have been furnished me by a friend —

"We'll have a posset for't *soon* at
night"

Merry Wives of Windsor, i 4

"Come to me *soon* at night"

Ibid ii 2

"*Soon*, at five o'clock,
Please you, I will meet you upon the
mart"—*Comedy of Errors*, i 2

"And *soon* at supper time I'll visit
you"—*Ibid* iii 2

"But as you make your *soon-at-night's*
re'lition," &c

B JOHNSON, *David is an Ass*, i. 1

In all these cases *soon* has the same meaning as in that cited from Chaucer

LECTURE XXVII.

TRANSLATION.

- § 1 Hindrances and helps to translations § 2 Free and literal translation.
 § 3 True aim of translation § 4 Choice of dialect of language into which the translation is to be made § 5 Proposed difference in the use of the words *Idiom* and *Idiotism* § 6 Impossibility of translating some words § 7 Qualifications of translator. § 8 Paraphrase and metaphor § 9 Practice of extemporaneous translation

§ 1. THE study of synonymy, or the discrimination between vernacular words allied in signification, and of etymology, or the comparison of derivative words with their primitives, naturally suggests the inquiry how far there is an exact correspondence of meaning between the native vocabulary and that of foreign tongues, or, in other words, whether a poem, a narrative, or a discussion, composed in one language can be precisely rendered into another. If we may trust the dictionaries, almost every English word has synonyms in the speech to which it belongs, and equivalents in every other, but a more critical study of language, as actually employed, teaches us, first, that true synonyms are everywhere of rare occurrence, and secondly that, with the exception of the names of material objects and of material acts, there is seldom a precise coincidence in meaning between any two words in different languages. The sensuous perceptions, even of men, are not absolutely identical, but they nevertheless so far concur that we may consider the names given in different countries to things cognizable by the senses as equivalent to each other, though the epithets by which the objects are characterized, and the qualities ascribed to them, may differ. But the moment we step out of the domain of the senses, and begin to apply, to acts and objects belonging to the world of mind, names derived from the world of matter, we diverge from each other, and every nation forms a vocabulary suited to its own moral and intellectual character, its circumstances, habits, tastes, and opinions, but not precisely adapted to the expression of the conceptions, emotions, and passions of any other people. Hence the difficulty of making translations which are absolutely faithful reproductions of their originals.

There are at the present day conflicting influences in operation.

which tend, on the one hand, to individualize the languages of Europe, and make them more idiomatic and discordant in structure, and, on the other, to harmonize and assimilate them to each other; and the same influences are acting respectively as hindrances and as helps to the making of translations between them. To the latter, the helps, belong the increased facilities of communication, the general study, in every country, of the literature of several others, the influence of two or three cosmopolite languages, like English, French, and German, the extended cultivation of philological science, and the universality of the practice of translation, which has compelled scholars to find or fashion, in their own speech, equivalents, or at least exponents, of the idioms of all others. The Caledonian, indeed, does not believe that the novels of Scott can be adequately translated into any foreign tongue, the German affirms that Richter is to be understood and enjoyed only in the original Teutonic, and the American doubts whether the Libyan English of 'Uncle Tom's Cabin' can be rendered into any other dialect. Nevertheless, each of these has had numerous translations, whose success proves that they are tolerable representatives, if not exact counterparts, of their originals.

The opposing influence is the spirit of nationality and linguistic purism, which has revived so many dying, and purged and renovated so many decayed and corrupted European languages within the last century. In almost every Continental country foreign words and phrases have been expelled, and their places supplied by native derivatives, compounds, and constructions, obsolete words have been restored, vague and anomalous orthography conformed to etymology or to orthoëpy; and thus both the outward dress and the essential spirit of each made more national and idiomatic, and therefore, to some extent, more diverse from all others, and less capable of being adequately rendered into any of them. At the same time, this purification and reconstruction of languages has brought them all back to certain principles of universal, or rather of Indo-European, grammar common to all, and, in each, the revival of forgotten words and idioms has so enlarged their vocabulary, and increased their compass and flexibility, that it is easier to find equivalents for foreign terms and constructions than when their stock of words and variety of expression were more restricted. Upon the whole, then, better translations are now practicable than at any former period of literary history; and every popular author may hope to see his works repeated in many forms, none of which he need be ashamed to own as his offspring.

§ 2 The question between the relative merits of free and literal translation, between paraphrastic liberty and servile fidelity, has been long discussed, but, like many other abstract questions, it

depends for its answer upon ever-varying conditions, and there is no general formula to express its solution. The commentators on the famous Horatian precept—

“Nec verbum verbo curabis reddere fidus
Interpres,”—

might have saved themselves some trouble if they had observed, what is plain from the context, that Horace was not speaking of translations at all, but of theatrical adaptation, dramatization, as we now say, of epic or historical subjects which had been already treated in narrative prose or verse by other writers, and, therefore, the opinion of the great Roman poet, were it otherwise binding, could not be cited as an authority on this question.* The rule of Hooker—“Of translations, the better I acknowledge that which cometh nearer to the very letter of the very original verity,”—is equivocal, because it is not certain whether “original verity” means

* Much of modern opinion on ancient literature and philosophy is founded on the criticism of familiar quotations, the examination of detached passages, which, standing alone, appear to contain a very different meaning from that which they express when taken in connexion with their context, or the circumstances under which they were uttered. An example of this is the sentiment in Cicero’s *Tusculan Questions*, i. 17, so often quoted and moralized upon as an instance of excessive and almost idolatrous reverence for a majestic and imposing human intellect: “Errare mehercule malo cum Platone . . . quam cum istis vera sentire.” Even in the *Guesses at Truth*, second series, third edition, p 235, this passage is treated as the expression of a humiliating general submission to the authority of Plato; and Cicero is in part exonerated from the disgrace of so unworthy a sentiment, by the remark that he puts the words into the mouth of “the young man whom he is instructing,” though it is admitted that he approved and adopted them. But it is plain to any one who will take the trouble to read enough of the dialogue in which this passage occurs to understand the bearing of it upon the subject under discussion, that the “young man” expressed, and Cicero approved, no such deference to the authority of the Greek philosopher as is, upon the strength of this quotation, so often imputed to Cicero himself. The immediate point then under discussion was the question of the immortality of the soul, which was maintained by Plato, but denied by the Epicureans, and it is, evidently, solely with reference to the *conclusions* of Plato on this one point, not the weight of his *authority*, that the disciple and his master agree in preferring to share with him the beneficent possible error of eternal life, rather than the fearful and pernicious truth, if it were a truth, of final annihilation, with his opponents.

And how comes it that, among the thousands of rhetorical critics who, since Cicero and Quintilian, have speculated on the answer of Demosthenes, *ὑπέκκρισις*, Delivery, Delivery, Delivery! so few have ever adverted to the opinion of Libanius, that this reply was an ironical side-thrust at Æschines?—an opinion which, if we are to interpret Demosthenes by himself, is rendered highly probable by the contemptuous sneers of the great orator at the *ἀγαθή ὑπέκκρισις* of his rival, the special point of excellence in which he was himself confessedly inferior to Æschines.

"original sense," which most would approve, or "original words," which most would condemn, for the reason that the idiomatic differences between different languages would often make a literal translation of the several words of a foreign author unintelligible nonsense. Fuller, with his usual quaint felicity, has well expressed the common loose theory by a simile. Speaking of Sandys, whose admirable scriptural paraphrases ought to be better known than they are, he says, "He was a servant, but no slave, to his subject; well knowing that a translator is a person in free custody; custody, being bound to give the true sense of the author he translates; free, left at liberty to clothe it in his own expression."*

§ 3. The rule often laid down, "that, in translating a foreign work into English, we are to adopt the same style and diction which the author would have used had he been an Englishman," is mistaken or inapplicable, because, except in matters of naked fact or natural science, a foreigner, writing for foreigners, has a totally different set

* Very judicious observations on the principles of translation will be found in Purvey's Prologue to his translation of the Scriptures (about A.D. 1388), *Wycliffite Versions*, i. 57. The general doctrine of Purvey is thus stated: "First it is to knowe, that the best translating is, out of Latyn into English, to translate after the sentence, and not oreh after the wordis, so that the sentence be as open, either openere, in English as in Latyn, and go not fer fro the lettre, and if the letter mai not be suid in the translating, let the sentence be ever hool and open, for the wordis owen to serue to the entent and sentence, and e'lis the wordis ben superflui either false." Purvey exemplifies by many comparisons between the Latin and English idioms, which show a very good knowledge of the principles of English grammar.

A friend of Lodge, who signs himself W. K., expresses sound opinions on this subject, though not in the purest style, in a letter prefixed to the second edition of Lodge's *Seneca*, 1620. "You are his profitable tutor," says he, "and have instructed him to write and talke in perfect English. If his matter hold not still the Roman characteristic, I should mistake him one of ours, he delivers his mind so significantly and fitly

"That ye have not parrot-like spoken his owne words, and lost yourself literally in a Latine echo, rendering him precisely verbatim, as if tied to his tongue, but, retaining his sense, have expressed his meaning in our proper English elegancies and phrase, as in a translatour a discret on," &c. &c.

In a series of discourses on the English language, discussions of the origin and meaning of particular words can hardly be out of place anywhere, and therefore I shall be excused for here noticing a confusion of two English words of Latin etymology, both of which occur in the foregoing extracts. From the verb *sentire*, in its two acceptations, the Latins made the nouns *sententia*, opinion, meaning, and *sensus*, first physical, afterwards mental, perception. The Romans themselves, at last, confounded these two words. In Old English they were distinguished in form as well as meaning, for *sentence* in the time of Purvey was the Latin *sententia*. In Lodge's time *sentence* had become *sense*, and we now use *sense* for both purposes, *sense* here having acquired the meaning of period, or proposition, as well as that of a judicial decree.

of ideas to express, and a totally different mode of conceiving similar ideas, from those which an Englishman, writing on the same subject, would have, and therefore he would have written a different book. Had Goethe and Richter been born and trained in England, the one could never have produced a 'Wilhelm Meister' or a 'Faust,' the other never a 'Siebenkas' or a 'Quintus Fixlein.' Had Shakespeare been a Frenchman by birth and education, the world had never seen a 'Hamlet' or a 'Henry IV.'

The true result to be aimed at, where we propose anything beyond the communication of bare fact, is to produce upon the mind of the English reader, so far as possible, the same impression which the original author produced upon the minds of those for whom he wrote. The rule I have just condemned does not lead to the accomplishment of this aim, but, so far as it is practicable at all, its effect is to translate the *author*, not his work, to give an imitation, not a copy, of the original; whereas it is the characteristic of a perfect translation, that it, for the time, transforms the *reader* into the likeness of those for whom the story, the ballad, or the ode, was first said or sung.*

The very supposition, that a genial writer could have acquired his special intellectual manhood in any but his native land, involves an absurdity, for it divests him of his nationality, which is as essentially a part of him as the fleshly organs wherewith he takes into his being the world around him, and reproduces it to the consciousness or the imagination of his readers. Shakespeare is often cited as an instance of genius too universal to bear the stamp of a national mint, and doubtless it is true that in him, more than in any other name known in literature, the man predominated over the citizen, but if we compare his works with whatever else modern humanity has produced, we shall find, if not positive internal evidence of his birthright, at least abundant negative proof that in no land save England could

* It was upon this principle that Sigurd, the apostle of Sweden, in a sermon delivered about the beginning of the eleventh century, by an extravagant, but not unnatural licence, substituted *cold* for *heat* in threatening the unbeliever with the torments reserved for the wicked in a future state of existence:—

“En grimmir guðniðingar . . skulu hræðiligu guðs orði bōlvaðir vera ok úthastaðir í ytri myrk, þar sem fyrir er *frost* ok tannagnastran”—*Forn Sög* iii 168

“And bold traitors to God . . shall be accursed by the terrible word of God, and cast out into outer darkness, where is *frost* and gnashing of teeth”

The imagination of the Northman, whose life was an almost perpetual shiver, would be more readily excited by the idea of suffering from cold, than of exposure to torment by fire, an element which to him was always a beneficent agent.

that mighty imagination have assumed the form and proportions to which it grew

§ 4 But though the end to be sought in translation is simple enough, the means are neither obvious nor easy of command. There is, however, one principle generally not at all regarded, but which is nevertheless of great practical value in transferring the productions of creative genius from their native to a foreign soil, in such a way that they shall yield the same fruit as in their original clime. It is this. we should choose for our translation the dialect of the period when our language was in a stage of development as nearly as possible corresponding to that of the tongue from which we translate. It seems to have been taken for granted that the dialect of the translator's own time is in all cases to be adopted, and by those who labour for the largest public perhaps it must be, but if the original be a work of true art, belonging to a period of widely different culture, it is as absurd to attempt to modernize it in a foreign tongue as in its own. English historical literature furnishes a good illustration. The *Chronicles of Froissart* were completed in the year 1400, memorable for the supposed death of Chaucer, a period when the French prose dialect was in a much more advanced stage of development than the English. They were translated by Lord Berners, as great a master of English as any writer of his time, in the first quarter of the sixteenth century, and again by Johnes in the early part of the present century. Johnes's translation is executed with commendable fidelity, in a good modern English style, and is valuable as a repository of facts and dates, but its relation to Froissart is that of a lithograph to a Titian; while Lord Berners, employing the diction of a period when English prose had advanced to a culture corresponding to that of the French of the preceding century, and, as he himself says, "not followynge his author worde by worde, but ensewing the true reporte of the sentence of the mater," gives you so perfect a repetition of the great chronicler, that you are quite unconscious whether you are reading French or English, and can scarcely resist the belief that you are a contemporary of the fair dames and cavaliers of high emprise whose adventures are pourtrayed with such wonderful felicity.

The rule I have here laid down, though very general in its application, has, like most of the principles of literary composition, its exceptions. In the wide differences of culture, of opinion, and of sentiment, which exist between different nations, it may happen that a diction appropriate to the subject as viewed by those for whom a particular work of imaginative art is written may be quite unsuited to the tastes and intellectual habits of a contemporaneous people, equally, though differently cultivated. In such cases a master of the art of translation will select the dialect best adapted to express

to his public the conceptions of the author, though it may be that of another century much inferior in grammatical refinement. The fine ballad of 'Lenore' by Burger, already quoted as an example of imitative felicity of sound, affords a good illustration. Tales of this sort are no longer current in England, and of course the modern English-dialect has not been employed to embody them. They belong to earlier English literature, and they are far more effective recited in the language employed when they were a part of a living mythology than when clothed in the critical, sceptical dress of a modern magazine. Taylor, therefore, judged wisely in translating the ballad into the simpler dialect in which it would have been told and understood when the superstitions of the middle ages, if they did not form articles of religious belief, were still constantly exciting the imaginations of the English people. I even doubt whether he has taken too great a licence in carrying back the date of the story from the days of the Battle of Prague, an event unknown in English traditionary lore, to the more familiar age of the Lion-hearted Richard's crusade against the Paynim in the Holy Land. Compare these two stanzas of Taylor, in the English ballad verse, with a more literal version in the metre of the original.—

" He went abroad with Richard's host
The Paynim foes to quell,
But he no word to her had writt,
An he were sick or well.

She bet her breast and wrang her hands
And rolde her tearlesse eye,
From rise of morne till the pale stars
Againe did fleck the sky "

" He'd gone with Fred'ric's host to wield
The sword on Prague's dread battle-field ;
Nor had he sent to tell
If he were sick or well

She wrung her hands and beat her breast,
Until the sun sank down to rest,
'Till o'er the vaulted sphere
The golden stars appear "

§ 5. The train of reasoning we have been pursuing suggests some observations, which I venture to propound at the risk of incurring the pains and penalties justly attached to the philological sin of neologism. I refer to a difference which, if it does not really exist, ought, I think, to exist in the English use of the words idiom and idiotism. Both words are given in most English dictionaries, and both exist in the principal European languages, but I do not know that they have been anywhere very accurately discriminated, while

in English they are generally confounded. Grammatical writers, for the sake of varying the phrase and avoiding repetition, sometimes employ *idiom* in a loose way as a synonym of *language* or *dialect*, but this is repugnant both to the etymology and the proper signification of the word. *Idiom* is derived from the Greek adjective *idios*, own, proper, or peculiar to, and in all its legitimate uses retains the sense of peculiarity or speciality. Besides its lax and figurative use as a synonym of *language* or *dialect*, we employ it in three significations.

- ✓ First, to denote the general syntactical character which distinguishes the structure of a given language, or family of languages (1)

Thus, when we speak of the *idiom* of French, or German, or Italian, we mean the assemblage of syntactical rules or forms, by which, without reference to the vocabulary, we recognise these languages respectively. If I were to translate, word for word, a page of French or German into English, any person acquainted with those languages would know at once, by the structure of the periods, from which of them I had taken it. The general characteristics by which he would detect the original constitute what is called the *idiom* of the language, in the sense I am now considering. For example, in most languages there are different forms of the verb for the singular and plural numbers. Thus, in English, we say, *he is*, but *they ARE*; *is* being used when the subject is in the third person singular, *are* when it is in the third person plural. Now, whatever may have been the origin of the distinctive forms of the verb, there exists in the language, as it is known to us, no reason why *is*, or any other form, should be appropriated to the singular, *are*, or any other form, to the plural. It is, in the present state of etymology, an ultimate, or rather a purely conventional, grammatical fact. A corresponding difference runs through almost all languages, and therefore the rule that the verb must agree with its nominative in number is not an idiom or peculiarity of any of them.

A similar general rule existed in Greek, and in Greek as in English there was no assignable reason why the Greek *ἐστίν*, like the English corresponding verb *is*, should be restricted to the singular, and *εἰσι*, like its English equivalent *are*, should be appropriated to the plural. It was altogether an arbitrary rule, but still a rule common to the Greek and most other European languages, and so, not a Greek idiom. But to this universal rule Greek syntax made exceptions, the most familiar of which was, that, if the plural nominative was of the neuter gender, then the verb was in the singular, and did not agree with its nominative. Thus they said *οἱ ἀγαθοὶ εἰσι*, the men are good, but *τὰ βιβλία ἀγαθὰ ἐστίν*, the books is good. This was a general rule of the language, extending to all verbs and all neuter nominatives, but it was not a law of universal grammar.

It was a construction which characterized and individualized the Greek language, and therefore it was a peculiarity or *idiom* of that language.

✓ We use *idiom*, secondly, to denote an individual expression, a form of speech applicable to a single phrase, which is contrary to the general syntax of the language, but yet sufficiently intelligible upon its face even to a foreigner (2)

Thus if the substantive verb precedes its nominative, so that to the hearer the number of the subject is undetermined when the verb is pronounced, the verb in Greek may be, in French generally must be, in the singular, though the nominative may be a masculine or feminine plural. Accordingly, though we say in English, there are men and women, the French say, with the singular verb, il est (oi il y a) des hommes et des femmes, there is men and women. This is a departure from the general usage of the Greek and French languages, properly applicable not to a whole class of words, as neuters at large, but only to the substantive verb, and those which represent it * This peculiarity also is popularly called an *idiom*, but it presents little difficulty, because in expressions of this sort, notwithstanding the apparent want of concord between the verb and its subject, the meaning of the individual words would never fail to suggest the sense of the proposition.

The poverty of language, the impossibility of inventing new words as fast as new ideas are brought into distinct consciousness, has obliged us to give to the word *idiom* a *third* sense.

✓ This is when we employ it to denote that class of linguistic anomalies which dictionaries and teachers of languages call *phrases* or phraseological expressions. These are verbal combinations which contravene all rules, general and special, and the purport of which is wholly conventional, and cannot be gathered from the meaning of the several members that compose them. Examples of this are, the French phrases, Je suis à même de faire telle ou telle chose, I am in a position to do so and so, I am able to do so and so; Je viens d'arriver, I have just arrived, and the thousand other arbitrary constructions in which the French language abounds (2)

To these latter two linguistic forms the name of *idiotism* has been sometimes, though, so far as I know, not consistently applied, in both French and German, and we shall gain much in clearness of expression if we adopt the distinction.

* Both the English and many other languages show a strong tendency to adopt this form of expression. The phrase *there is* with a plural nominative is sometimes used by speakers who seldom violate the rules of concord in other cases, and many examples of this construction can be found in the works of Lord Bacon, Fuller, and other classical English writers.

/// To recapitulate. Let us say that *idiom* may be employed loosely and figuratively as a synonym of *language* or *dialect*, but that, in its proper sense, it signifies the totality of the general rules of construction which characterize the syntax of a particular language and distinguish it from that of other tongues. *Idiotism*, on the other hand, should be taken to denote the systematic exemption of particular words, or combinations of particular words, from the general syntactical rules of the language to which they belong, or, in a more limited sense, we may apply the same term to phrases not constructed according to native etymology and syntax, and whose meaning is purely arbitrary and conventional, and then they would properly be styled *special idiotisms*. In a general way, the *idiom* of a language consists in those regular and uniform laws of grammatical construction which characterize its syntax, its *idiotisms* are abnormal and individual departures not only from universal grammar, but from its own idiom.

I have illustrated these distinctions by foreign examples, because the simplicity of English syntax renders its peculiarities less palpable, and, in general, its rules are little else than negative precepts, but there is room for the same discriminations in our own philology. For example, in English, German, Swedish, and Danish, the adjective regularly precedes, while in Italian and Spanish it generally follows the noun. It is the idiom of the language which determines the position. We say accordingly that the English *idiom* requires the adjective to precede the substantive, and this is a rule which governs the construction in nearly all cases where that part of speech occurs—a rule distinguishing our syntax from that of the Spanish and Italian. So we have our *idiotisms*. For instance, the phrase, the project took air, that is, was divulged. So, the use of help for refrain, as, I cannot help doing it, for, I cannot refrain from doing it, it turns out that so and so, for, it is now ascertained that, &c.

There are sometimes curious, if not inexplicable, coincidences between the conventional idiotisms of different languages. Thus, both in English and German we use to *make over*, in the sense of to transfer or convey the right of property, as, A made over to B his house in Cheapside. Here the proper signification of the verb furnishes no clue to the meaning of the phrase in either language. In general, however, phrases of this conventional sort are peculiar to a single language, and without literal equivalents in others.

The difficulty of translation does not lie in mere idiomatic differences, for the expression "a beautiful woman" is the precise equivalent of *femina formosa*, though the relative positions of the noun and the adjective are reversed, nor can the subtlest intellect discern any difference between the English, "there are birds without wings," and the French, *il est, or il y a, des oiseaux sans*

aisles. In these instances, notwithstanding the difference of position in one case, and of number and case (*des oiseaux* being strictly a genitive) in the other, we may say the translation is literal; and even in those special idiomisms whose meaning is conventional we may generally find logical equivalents in all languages of the same degree of culture, though the form of phrase may be very different. If I translate *je viens d'arriver* by, I come from to arrive, I utter nonsense; but if I say, I have just arrived, I convey the precise import of the French phrase, though no one word in the translation, but the pronoun, grammatically corresponds to any word in the original.

§ 6 But, in spite of the increasing capacity and flexibility of language, and the linguistic attainments and dexterity of modern translators, every genial idiomatic work will have peculiarities and felicities of expression which cannot adequately be rendered into any other form. Thought, in every speech, has its ideas which admit of but one mode of utterance, and it is impossible to translate such expressions either into other terms of the same tongue, or into the native words of another. In any two languages there are, to use a mathematical phrase, many incommensurable quantities, many words in each untranslatable into the other, nor is it always possible by any periphrase to supply an equivalent. Of this untranslatability of single words, simple and compound, German offers us many examples. Take the verb *ahnen* and its derivative noun *Ahnung*. We use for them *suspect* and *suspicion*, *presentiment*, *foreboding*, *anticipation*, but yet in most cases these words fall far short of expressing the precise meaning of the original; and, in compounds, the familiar and readily intelligible participial adjective *entseelt* has no better correspondent than the un-English *exanimated*; and of the numerous words formed with the prefix *nach*, as the verbs and verbal nouns *nachwehen*, *nachleben*, few can be adequately translated by English compounds.

But, on the other hand, in spite of the affluence of German in radicals, and its great flexibility and facility in derivation and composition, it yet wants legions of words to embody ideas familiar to the mind, and well expressed by the tongue, of other peoples. Heyse's dictionary of foreign terms used in German contains not less than forty thousand words, and if we deduct from these the proper and purely local names, and those for which substitutes have recently been formed from native roots, the great number that still remains proves that even the Teutonic speech, affluent as it is in words, is yet too poor to live without borrowing largely from foreign stores, and, of course, that it cannot, by simple translation into the domestic vocabulary, appropriate to itself and naturalize all the products of alien genius.

As I have elsewhere remarked, it is said to be characteristic of a

perfect style that you can neither add, subtract, exchange, nor transpose a single word in a period, without injury to the sense. If this be so, how great must be the difficulty of fairly translating a sentence where not only must every word be changed, but where, from the difference in grammar and syntax, the number and arrangement of the words must vary in every member of the period! But the impracticability of making a perfect translation lies less in the want of corresponding phrases and idioms in different languages than in the impossibility of transferring to foreign words the associations that cluster around the native vocables which they attempt to represent. Of this difficulty our English words *gentleman*, *home*, *comfort*, are instances. Not that every European country does not possess men of truth, courage, honour, generosity, refinement, and elegance of conventional manners—the Castilian felt that the Arab had all this, when he said that his Moslem enemy was an *hidalgo*, a gentleman, though a Moor,—not that Continental Europe knows nothing of the pious attractions of the fireside and the family circle; not that convenience, and luxury, and taste are wanting to the dwellings of the wealthy in Germany, in Italy, and in France, but it was in England that the ideal of social grace and moral excellence in man, as attributes of humanity superior in worth to the artificial claims of rank and conventional manner, was first conceived, named, and realized, it was in England that the necessities of a rude climate, and the facilities afforded by wealth and a widely-extended commerce, at once occasioned and made possible that consummation of moral and physical domestic enjoyment which is implied in the phrase “the comforts of an English home.” This sacred trio, then, the three talismanic words which, next to those still more immediately belonging to the religious, the conjugal, the filial, and the paternal ties, are the first in the English vocabulary of the heart, are hallowed by older memories, gilded by brighter and more venerable associations, than the corresponding terms in other languages, and hence it is that their claims have been so generally recognised as to secure their adoption, as words essentially untranslatable, into almost every European tongue.

§ 7. From these considerations it is obvious that the art of translation is not an ordinary craft, requiring for its skilful exercise no other qualification than a familiarity with the dictionary and grammar of the tongues between which a version is to be made. It demands, further, an intimate, homelike acquaintance with the national characters, habits, and associations connected with both languages, and especially such a complete command of all the resources of the translator's own, as is found only in combination with the ability to conceive and produce, as well as to transplant. Few good translations have been made, except by persons them-

selves distinguished as able writers; and, especially with reference to the poetical dialect, there is no better school of preparatory practice than the making of careful translations from authors eminent for originality of thought as well as for power of words

§ 8. The ancient rhetorical instructors advised their pupils to practise what was called paraphrase when applied to prose, and metaphrase with reference to poetry. They consist alike in translating, if I may thus use the word, the masterpieces of great writers into other words in the same language, as Franklin did with Addison. Cicero, speaking in the person of Crassus, condemns the practice, on the ground that the original author must be taken to have employed the aptest words and syntax to express his thoughts, and that the pupil would necessarily acquire an inferior style by attempting to clothe them in a different dress. Quintilian, however, defends paraphrase and metaphrase as useful, and will not admit the Latin language to be so poor that the same thing may not be excellently said in more than one form of expression. Franklin added the converse of paraphrase, which I do not know that the ancients practised. He laid aside his version until he had forgotten the phraseology of the original, and then turned it back again, with as close a conformity to Addison's style as he was able to command. Translations from foreign languages are free from the objection which Cicero urges against paraphrase in the same, and, in compelling a close examination of the precise meaning of the original, and aiding in attaining to a command over the vocabulary of our own tongue, their advantages are equally great. ✓ As a means of acquiring a knowledge of foreign languages, translation, combined with retranslation, is, I believe, the very best of exercises, except actual and extensive daily practice in speaking. It was by this method, chiefly, that Queen Elizabeth became so good a classical scholar. Roger Ascham, her tutor, says, "After the first declining of a nowne and a verbe, she never toke yet Greeke nor Latin grammar in her hand, but only by double translating of Demosthenes and Isocrates, daie, without missing, every forenone, and likewise some part of Tullie every afternone, for the space of a yeare or two, hath atteyned to soch a perfit understanding in both the tonges, and to such a readie utterance of the Latin, and that with such a judgement, as they be fewe in number in both the Universities, or els where in Englande, that be in both tonges comparable with her majestie." We may be permitted to doubt whether Ascham's account of the progress of his royal pupil is not a little overcharged, but, in any event, it indicates an industry and a perseverance not common in personages of so exalted a rank in any age or country.

§ 9 As a means of acquiring a ready and wide command of our native speech, the practice of extemporaneous translation, of reading

off into English a book or a newspaper in a foreign language, is perhaps the very best, except the habit of extemporaneous speaking and constant social intercourse with different classes in life. But translation has an important advantage over mere vernacular practice. Men who speak much, having only their own thoughts to express, frame for themselves a comparatively narrow vocabulary and syntax, and acquire a wearisome mannerism of style, from which they seldom succeed in emancipating themselves. If we listen often to a particular speaker, we rarely fail to notice that he has not only his pet words, but a set of expletives, stereotyped phrases, and favourite maxims, which he mechanically throws in, in the same way, and much for the same purpose, as the popular birds hummed, at the end of every stanza, a burden, while summoning their memory or their invention to help them out with the next verse. The practice of extemporaneous translation forces us into new trains of thought, demanding new forms of phrase, lifts us out of the rut (to use an expressive colloquialism), and confers the power of readily calling up familiar or less habitual words and combinations, thus both enlarging our effective vocabulary, and securing us against contracting a restricted personal dialect, which is not only repulsive to our hearers, but which reacts injuriously on our own originality and variety of thought *

* Dr Johnson complains of translations from foreign literatures as one of the most fertile sources of corruption in language. I doubt whether English has suffered much from this cause, and, on the other hand, the attempts at a strict literal rendering of the original text in English, from the time of Herodotus to the present day, have enriched both our vocabulary and our syntax with many words and combinations which we could ill afford to dispense with. Indeed, so far from introducing an extravagant number of foreign words and phrases, translation has led to the formation of many happy native compounds and derivatives, which would hardly have been struck out, except in the search for vernacular equivalents of foreign expressions.

LECTURE XXVIII.

THE ENGLISH BIBLE.

- § 1. Relations of the English Bible to the English language § 2 Its influence upon the intellectual character of the English people. § 3. Dialect of the translation not the colloquial speech of the English people. § 4 Difference between the position of Luther and that of the revisers of the English Bible. § 5. Authorised version of the Bible founded upon previous translations § 6. Dialect of these translations not that of the secular literature of their times § 7. Influence of Wycliffe's and Tyndale's versions upon the English language. § 8. Formation of our English sacred dialect. § 9. Objections to a revision of the English Bible. § 10. Early English specially appropriate to the translation of the Bible. § 11. Disturbance of formulas § 12. Revision inexpedient at the present time.

§ 1. THE revised version of the Bible, now in general use wherever the English tongue is spoken, was executed by order of King James I, and was completed and published in the year 1611.

Its relations to the English language are, for a variety of reasons, more important than those of any other volume; and it may be said, with no less truth, that no Continental translation has occupied an equally influential position in the philology and the literature of the language to which it belongs. The English Bible has been more universally read, more familiarly known and understood, by those who use its speech, than any other version, old or new. In the sixteenth century the English people was more generally and more thoroughly protestantized than any other nation, and, of course, among them the Bible had a freer and more diffused circulation than it had ever attained elsewhere, for though, in individual German States, the reformed religion soon became the exclusive faith of the people, yet those States formed but a portion of the Germanic nation. Although, therefore, the philological as well as the religious influence of Luther's translation was very great, yet it only indirectly and incidentally affected the speech of that great multitude of Teutons who neither accepted the creed of Luther nor made use of his version.

Again, the discussion of the principles of the Reformation and of their collateral results, as a living practical question, connected not only with men's hopes of a future life, but, through civil govern-

ment, with their dearest interests in this, was longer continued in England than in any other European State. The puritan movement kept the debate alive in Great Britain long after the wordy war was ended, and men had resorted to the last argument of kings in the Continental nations. From the year 1611 the Bible in King James's version was generally appealed to as the last resort in all fundamental questions both of Church and State, for even those Protestant denominations which gave the greatest weight to tradition allowed the paramount authority of Scripture, and admitted that traditions irreconcilable with the words of that volume were not of binding force. From the accession of Elizabeth, therefore, and more especially from that of James, until the Acts of Uniformity, early in the reign of Charles II, for a time extinguished the religious liberties of England, the theological and political questions which most concerned man's interests in this world and his happiness in that which is to come were perpetually presented to every thinking Englishman, as points which he not only might, but must, decide for himself at his peril, and that by lights drawn, directly or indirectly, from the one source of instruction to which all appealed as the final arbiter. For these reasons the Bible became known to the mind, and incorporated into the heart and the speech of the English people, to a greater extent than any other book ever entered into the life of man, with the possible exception of the Hebrew Scriptures, the Homeric poems, and the Arabic Koran.

Although particular points in the authorized version were objected to by the more zealous partisans on both sides of the controversy respectively, and though the English Prayer-book continued to employ an older translation in the passages of Scripture introduced into that ritual, yet the new revision commended itself so generally to the sound judgment of all parties, that in a generation or two it superseded all others, and has now, for more than two centuries, maintained its position as an oracular expression of religious truth, and at the same time as the first classic of our literature—the highest exemplar of purity and beauty of language existing in our speech.

§ 2 Those who assent to the views which have been so often expressed in these lectures respecting the reciprocal relations between words, individual or combined, and mental action, will admit that the influence, not of Christian doctrine alone, but of the verbal form in which that doctrine has been embodied, upon the intellectual character of the English people, can hardly be over-estimated. Modern philologists, Europeans even, have not been the first to discover the close relation which subsists between formulas, the *ipsissima verba* of the apostle, and the faith he proclaims. The believing Jew reads the Pentateuch not only in its original tongue, but as

he supposes, in a form approximating to the very inflexional and accentual utterance with which its revelations fell from the lips of Moses, and the pious Moslem allows no translation, no modernization, of the precepts of the Prophet, but contends that the inspired words of the Koran have survived, unchanged, the lapse of twelve centuries. There is little doubt that the immutability of form in the sacred codes of these nations is one of the most important among the causes which have given their religions such a rooted, tenacious hold upon the minds and hearts of those who profess them, and the same remark applies, with almost equal force, to the modern Greeks, who, in their religious services, employ the original text, and the Armenians, who use a very ancient translation of the New Testament. In like manner, the strict adherence of the Popish Church to the Vulgate, and to ancient forms of speech, in all the religious uses of language, is one of the great elements of strength on which the Papacy relies.

The Hebrew and the Arab, the Brahmin and the Buddhist, the Oriental and the Latin Christian, inherit, with the blood of their ancestors, if not precisely the popular speech, at least the sacred dialect of their legislators and their prophets, but the Greek and Latin languages were too remote from the speech of the Gothic nations to have ever served as a vehicle for imparting popular instruction of any sort among those tribes. Hence, the earliest missionaries to the Germanic and Scandinavian nations learned to address them in the vernacular tongue. Portions, more or less complete, of the Scriptures, and of other religious books, were very early translated into the Northern dialects, and every man who adopted Christianity and the culture which everywhere accompanied it imbibed its precepts through the accents of his own particular maternal speech. Accordingly, though *ENGLISH Protestantism* has long had its one unchanged standard of faith, common to all who use the English speech, yet *PROTESTANT Christianity*, from the number and diversity of the languages it embraces, has no such point of union, no common formulas, and this is one of the reasons why the English people, with all their nominal divisions and multitudinous visible organizations, have not split up into such a wide variety, and so extreme a range of actual opinion, as the Protestants of the Continent. Whatever theories, therefore, may be entertained respecting the evils of a rigorous national conformity to particular symbols—whatever views may be held with regard to the growth, progress, and fluctuations of language—both the theologian and the philologist will admit that a certain degree of permanence in the standards of religious faith and of grammatical propriety is desirable. The authorized version of the Bible satisfies this reasonable conservatism on both points, and it is, therefore, a matter of much literary

as well as religious interest that it should remain intact so long as it continues able to discharge the functions which have been appointed to it as a spiritual and a philological instructor

§ 3. I do not propose any inquiry into its fidelity, simply as a presentation of the doctrinal precepts of Christianity, both because such a discussion would here be inappropriate, and because the general accuracy of the version is so well established, that it is hardly questioned by those who are most zealous for a revision of its dialect. Its relations to our literature and the social and moral interests of the English family, considered simply as a composition, are, however, a subject well worthy of examination. In the first place, then, the dialect of this translation was not, at the time of the revision, or, indeed, at any other period, the actual current book-language nor the colloquial speech of the English people. This is a point of much importance, because the contrary opinion has been almost universally taken for granted, and hence very mistaken views have been, and still are, entertained respecting the true relations of the diction of that version to the national tongue. It was an assemblage of the best forms of expression applicable to the communication of religious truth that then existed, or had existed in any and all the successive stages through which English had passed in its entire history. Fuller, indeed, informs us that when a boy he was told by a day-labourer of Northamptonshire that the version in question agreed nearly with the dialect of his county, but, though it may have more closely resembled the language of that shire, and though it certainly most nearly approximated to the popular speech in those parts of the realm where English was best spoken,* yet, when it appeared, it was by no means regarded as an embodiment of the every-day language of the time. On the contrary, its archaisms, its rejection of the Latinisms of the Rhemish Romanist version, and its elevation above the vulgarisms of the market and the kitchen, were assailed by the same objections which are urged against it at the present moment.

§ 4. The position of the revisers and of their public was entirely different from that of Luther and the German people when the great Reformer undertook the task of giving his countrymen the Bible in their own tongue, and, accordingly, very different principles were properly adopted by the German and the English translators.

* [It is now generally admitted that the standard English has been derived from the speech of Leicestershire and Northamptonshire though it is difficult to account for this phenomenon. Mr Gurett conjectures "that Chaucer and Wicliffe may have exercised something of the same influence in England as Dante and Boccaccio did in Italy and Luther in Germany."—*Quarterly Review* for March, 1848 p. 159, *Quest. Entertaining*, n. p. 195.—ED.]

German Bibles indeed existed before Luther, but they were too strongly marked with dialectic peculiarities—too incorrect and too much tinctured with Romish opinion—to serve even as the foundation of a revision; and they had not been widely enough circulated to have diffused among the people any familiar acquaintance with the contents of the sacred volume. The aim of Luther was to give to the high and the low of the Teutonic race access to the authority on which he based his doctrines, in a form for the first time generally intelligible, and scrupulously faithful to the original text. He had before him no repository of a sacred, and yet universally understood, phraseology; and, as a teacher of the people, he could make himself comprehended only by using the dialect which was the familiar every-day speech of the largest portion of the people of his native land. Hence, as he says himself, he composed the phraseology he adopted out of the living vocabulary which he heard employed around him, in the street, the market, the field, and the workshop, and formed a diction out of elements common to the speech of the whole Germanic race. The translation of Luther was, no doubt, most readily intelligible in the provinces where he had acquired his own vernacular; but it was so thoroughly idiomatic, so penetrated with the fundamental spirit of the Teutonic speech, that it soon obtained a wide circulation, and was easily understood in provinces whose popular dialect appeared to be very discrepant from that of Luther. Low-German retranslations of this version, indeed, were published, but they did not long continue in use; and for nearly three-centuries Luther's text has been the only one employed in religious teaching in Protestant Germany, however widely the local speech may differ from it. To secure its first introduction to masses ignorant of the Bible and without a consecrated dialect, it was necessary that it should be clothed in words most readily intelligible to those whom Luther desired to reach, but, that extreme familiarity of diction is not a permanent necessity in religious instruction, is shown by the fact that that version, and with it the High-German dialect, have become almost the sole vehicle for the dissemination of Protestant Christianity wherever any branch of the Teutonic tongue is spoken.

Not only is the High-German translation universally read, but, with few exceptions, pulpit and catechetical instruction is conveyed in High German throughout the Platt-Deutsch or Low-German provinces; and we learn from Kohl that even in the Friesic districts, where classical German is almost a foreign tongue, the peasantry both comprehend the High German of their pastors, and habitually employ its vocabulary themselves in relation to all religious topics, though not able to converse in it fluently on other subjects.

§ 5. The translators, or rather the revisers, of the English Bible

of 1611 and the British people stood, as I have said, in a totally different relation to each other. These translators were not the teachers of a new doctrine. the public they addressed were not neophytes or strangers to the contents or the phraseology of the volume now again to be spread before them. England had been Protestant, already, for almost three-fourths of a century, and there were comparatively few of the English people who had not been taught the precepts of that faith, and made familiar with its oracles in their very cradles, through the translations of Tyndale, Coverdale, and others, which were made the basis, and furnished the staple, of the new recension. Hence the doctrines and the diction of the New Testament, which they found nearly unchanged in that recension, had become almost a part of their very consciousness, and there was no occasion to exchange, for a more common or a more artificial speech, the forms of words in which they had already learned whatever of most sacred Protestantism and the Protestant Bible had to teach. Wycliffe and his school in the fourteenth, Tyndale early in the sixteenth, Coverdale, Cranmer, the Genevan, and other translators at a later period in the same century, had gradually built up a consecrated diction, which, though not, as it certainly was not, composed of a vulgar vocabulary, was, nevertheless, in that religious age, as perfectly intelligible to every English Protestant as the words of the nursery and the fireside.

In fact, with here and there an exception, the difference between Tyndale's New Testament and that of 1611 is scarcely greater than is found between any two manuscript copies of most modern works which have undergone frequent transcription, and Tyndale's, Coverdale's, Cranmer's, the Bishops', the Genevan, and the standard version, coincide so nearly with each other, both in sense and in phraseology, that we may hear whole chapters of any of them read without noticing that they deviate from the text to which we have always been accustomed. When, then, we study our Testaments, we are in most cases perusing the identical words penned by the martyr Tyndale nearly three hundred and fifty years ago, and hitherto the language of English Protestant faith and doctrine may fairly be said to have undergone no change.

§ 6 I remarked that the dialect of the authorized version was not the popular English of the time, but simply a revision of older translations. It is almost equally true that the diction of Wycliffe and of Tyndale was not that of the secular literature of their times. The language of Wycliffe's Testament differs nearly as much from even the religious prose writings of his contemporary and follower, Chaucer, as does that of our own Bible from the best models of literary composition in the present day, and it is a still more remarkable and important fact, that the style which Wycliffe himself

employs in his controversial and other original works, is a very different one from that in which he clothed his translation. This circumstance seems to give some countenance to the declaration of Sir Thomas More, otherwise improbable, that there existed English Bibles long before Wycliffe, and hence we might suppose that his labours and those of his school were confined to the revision of still earlier versions. But although English paraphrases, mostly metrical, of different parts of the Bible were executed at the very commencement of our literature, yet there is no sufficient ground to believe that there were any prose translations of such extent and fidelity as to serve for a basis of revision, and the oldest known complete translation of the Old Testament, the earlier text in the late Oxford edition of the Wycliffe versions, has very much the aspect of a first essay.

This, down to the twentieth verse of the third chapter of Baruch, is believed to have been the work of Nicolas de Hereford, a coadjutor of Wycliffe—the remainder of the Old Testament, and the whole of the New, having been, as there is good cause to believe, translated by Wycliffe himself.* Purvey's recension, executed very soon after, is a great improvement upon Hereford, who closely followed the Latinisms of the Vulgate, but Purvey founded his diction upon that of Wycliffe, and the philological difference between the two is by no means important.

§ 7. The difference between the version of Wycliffe and that of Tyndale was occasioned partly by the change of the language in the course of two centuries, and partly by the difference of the texts from which they translated, and from these two causes the discrepancies between the two versions are much greater than those between Tyndale's, which was completed in 1526, and the standard version, which appeared only eighty-five years later. But, nevertheless, the influence of Wycliffe upon Tyndale is too palpable to be mistaken, and it cannot be disguised by the grammatical differences, which are the most important points of discrepancy between them. If we reduce the orthography of both to the same standard, conform the inflexions of the fourteenth to those of the sixteenth century, and make the other changes which would suggest themselves to an

* The preface to the Oxford edition of the Wycliffite versions very satisfactorily disposes of most of the questions connected with the authorship of the different translations which appeared in the fourteenth century, though the internal evidence in support of the opinion which ascribes to Wycliffe the completion of Hereford's translation of the Old Testament does not seem to me very conclusive. Much information on the translations of the sixteenth century will be found in the Historical Account prefixed to Bagster's *Hexapla*, London, 1841 and the authorities there referred to.

Englishman translating from the Greek instead of from the Vulgate, we shall find a much greater resemblance between the two versions than a similar process would produce between secular authors of the periods to which they separately belong. Tyndale is merely a full-grown Wycliffe, and his recension of the New Testament is just what his great predecessor would have made it, had he awaked again to see the dawn of that glorious day of which his own life and labours kindled the morning twilight. Not only does Tyndale retain the general grammatical structure of the older version, but most of its felicitous verbal combinations, and, what is more remarkable, he preserves even the rhythmic flow of its periods, which is again repeated in the recension of 1611. Wycliffe, then, must be considered as having originated the diction and phraseology which for five centuries have constituted the consecrated dialect of the English speech, and Tyndale as having given to it that finish and perfection which have so admirably adapted it to the expression of religious doctrine and sentiment, and to the narration of the remarkable series of historical facts which are recorded in the Christian Scriptures *. If we compare Tyndale's New Testament with the works of his contemporaries, Lord Berners and Sir Thomas More, or the authorized version with the prose of Shakespeare, and Raleigh, and Bacon, or other writers of the same date, we shall find very nearly, if not quite, as great a difference in all the essentials of their diction, as between the authorized version and the best written narratives or theological discussions of the present day. But, in spite of this diversity, the language of the authorized translation, as a religious dialect, is and always has been very familiar to the English people; and I do not hesitate to avow my conviction that, if any body of scholars, of competent Greek and Hebrew learning, were now to undertake, not a revision of the existing version, but a new translation founded on the principle of employing the current phraseology of the day, it would be found much less intelligible to the mass of English-speaking people than the standard version at this moment is. If the Bible is less understood than it was at earlier periods, which I by no means believe, it is because it is less studied, and the true remedy is, not to lower its tone to a debased standard of intelligence, but to educate

* The first of the rules prescribed to the revisers by King James was this. "The ordinary Bible read in the church, commonly called the *Bishops' Bible*, to be followed, and as little altered as the original will permit." The fourteenth rule was, "These translations to be used when they agree better with the text than the *Bishops' Bible*, viz, *Tyndale's*, *Matthew's*, *Coverdale's*, *Whitchurch's*, *Genera's*."—FULLER, *Church Hist.*, book x. sec. iii. § 1

But the *Bishops' Bible*, and, indeed, all the others named were founded upon Tyndale, and, especially in point of general diction, depart very little from his rendering.

the understandings of the English people up to the comprehension of the purest and most idiomatic forms of expression which belong to their mother-tongue.

§ 8. The general result of a comparison between the diction of the English Bible and that of the secular literature of England is, that we have had, from the very dawn of our literature, a sacred and a profane dialect, the former eminently native, idiomatic, vernacular, and permanent, the latter composite, heterogeneous, irregular, and fluctuating; the one pure, natural, and expressive, the other mixed, and comparatively distorted and conventional.

It is unfortunate that the unwise economy which has been too often observed in reprinting the Scriptures should have, in the common editions, omitted the Translators' Address to the Reader; though it must be allowed that that address by no means acknowledges the full extent of the obligations which the revisers were under to earlier labourers in the same field. The reason of this silence was that the older translations were in every man's hands, and the fact that the new edition was but an adaptation of them was too notorious to need to be stated in detail; but it is nevertheless singular that not one of the former English versions should have been referred to by name. The revisers content themselves with this general statement: "We never thought from the beginning that we should need to make a new translation, nor yet to make of a bad one a good one, but to make a good one better, or out of many good ones one principal good one, not justly to be excepted against; that hath beene our endeavour, that our marke." And most successful were they in attaining to that mark, in embodying in their revision the result of the labours of many generations and of hundreds of scholars, and in making it a summing-up of the linguistic equations solved in three centuries of Biblical exposition, an anthology of all the beauties developed in the language during its whole historical existence.

Such is the general history and character of the received version. But what are its relations, past and present, to the language of which it is the purest and most beautiful example? I have said its diction was not the colloquial or literary dialect of any period of the English language. It is even now scarcely further removed from the current phraseology of life and of books than it was two hundred years since. The subsequent movement of the English speech has not been in a right line of recession from the scriptural dialect. It has been rather a curve of revolution around it. Were it not carrying the metaphor too far, I would say it is an elliptical curve, and that the speech of England has now been brought by it much nearer to that great solar centre, that focus of genial warmth and cheerful light, than it was a century ago, when hundreds of words in its vocabulary, now as

familiar as the alphabet, were complained of as strange or obsolete.* In fact the English Bible sustains, and always has sustained to the general English tongue, the position of a treatise upon a special knowledge requiring, like any branch of science, a special nomenclature and phraseology. The language of the law, for example, in both vocabulary and structure, differs widely from that of unprofessional life; the language of medicine, of metaphysics, of astronomy, of chemistry, of mechanical art, all these have their appropriate idioms, very diverse from the speech which is the common heritage of all. Why, then, should theology, the highest of knowledges, alone be required to file her tongue to the vulgar utterance, when every other human interest has its own appropriate expression, which no man thinks of conforming to a standard that, because it is too common, can hardly be other than unclean?

There is one important distinction between the dialect of the Scriptures, considered as an exposition of a theology, and that of a science or profession. The sciences, all secular knowledges, in fact, are mutable and progressive, and of course, as they change and advance, their nomenclature must vary in the same proportion. The doctrine of the Bible, on the other hand, is a thing fixed and unchangeable, and when it has once found a fitting expression in the words of a given language, there is in general no reason why those words should not continue to be used, so long as the language of which they form a part continues to exist. There are many words in the English Bible which are strictly technical, and never were employed as a part of the common dialect, or for any other purpose than the particular use to which they are consecrated in that volume; there are others which belong both to the appropriate expression of

* In Lecture XII, p. 180, I remarked that scarcely 200 words occurring in the English Bible are obsolete.

In examining the vocabulary for the purpose of making that estimate, I used a Concordance which did not extend to the Apocrypha, and the remark should have been limited accordingly. *Booker's Scripture and Prayer-book Glossary* contains, besides phraseological combinations, about 388 words and senses of words alleged to be obsolete. Of these more than 100 belong to the Apocrypha and the Prayer-book, and among the remainder there are not less than 30, such as *loth*, *whit*, *stuff*, *frct*, *beeves*, *haft*, *with*, *maul* (as a noun), *summer* (as a verb), &c, which in the United States are as familiarly understood, in their Scriptural senses, as any words in the language. We may, therefore, take the number of Bible words and special meanings now so far obsolete in this country that other words are habitually used instead of them, at about 250. But, of these, many are of familiar etymology or composition, and therefore, though disused, readily intelligible, and others are well understood, because they are used in other books still very generally read, so that the number which there is any sufficient reason to regard as really forgotten does not probably exceed my estimate.

religious doctrine and to the speech of common life, and, of these latter, some very few have become obsolete, so far as their popular, every-day use is concerned; but they still retain in religious phraseology the signification they possessed when introduced into the English translation.

Now the same thing is true with reference to all other knowledges which possess special nomenclatures. There are in law, medicine, chemistry, the mechanic arts, many words always exclusively appropriated to the service of those arts, others, once familiar and common, but which no longer form a part of the general vocabulary of the language, and which are at present restricted to scientific and professional use, and here the phraseology of the Scriptures, and that of other special studies, stand in precisely the same relations to the common language of the people. Each has, and always must have, a special dialect, because it is a speciality itself, and has numerous ideas not common to any other department of human thought and action. And not only is this true of the language of science and of art, but of the dialect which belongs to all the higher workings of the intellect. No man acquainted with both literature and life supposes that the speech of the personages of Shakespeare's tragedies, or of the actors in Milton's great epic, was the actual colloquial phraseology of their times; and it is as absurd to object to the language of the Scriptures, because it is not the language of the street, as to criticise Shakespeare and Milton, because their human and superhuman heroes speak in the artificial dialect of poetry, and not in the tones of vulgar humanity.

§ 9. To attempt a new translation of the Bible, in the hope of finding within the compass of the English language a clearer, a more appropriate, or a more forcible diction than that of the standard version, is to betray an ignorance of the capabilities of our native speech with which it would be in vain to reason, and I suppose no scholars, whose opinions are entitled to respect, seriously propose anything beyond a revision which should limit itself to the correction of ascertained errors, the introduction of greater uniformity of expression, and the substitution of modern words for such as have become either obsolete, or so changed in meaning as to convey to the unlearned a mistaken impression.

The most general objection to any present attempt at revision has been well stated by Trench, namely, that "we are not as yet in any respect prepared for it, the Greek and the English which should enable us to bring this to a successful end might, it is to be feared, be wanting alike." In fact, I doubt whether any impartial scholar has ever examined any of the modern attempts at revision without finding more changes for the worse than for the better, and there is one particular in which, so far as I have looked into them, they all

sin alike I refer to the use of the tenses. Revisers have attempted to establish a parity between the tenses of the Greek and English verbs which can hardly be made out, and so far is this carried in some of them, as, for example, in the Gospel of John, as revised by five English clergymen, by far the most judicious modern recension known to me, that an American cannot help suspecting that the tenses are coming to have in England a force which they have not now in the United States, and never heretofore have had in English literature.

In a lecture on the principles of translation I laid down the rule that a translator ought to adopt a dialect belonging to that period in the history of his own language when its vocabulary and its grammar were in the condition most nearly corresponding to those of his original. Now, when the version of Wycliffe appeared, English was in a state of growth and formation, and the same observation applies, though with less force, to the period of Tyndale. The Greek of the New Testament, on the other hand, was in a state of resolution. It had become less artificial in structure than the classical dialect, more approximated to modern syntactical construction, and the two languages, by development on the one hand, decay on the other, had been brought in the sixteenth century to a certain similarity of condition. Besides, the New Testament Greek was under the same necessity as Early English, of borrowing or inventing a considerable number of new terms and phrases to express the new ideas which Christianity had ingrafted on the Jewish theology; of creating, in fact, a special sacred phraseology; and hence there is very naturally a closer resemblance between the religious dialect of English, as framed by the Reformers, and that of the New Testament, than between the common literary style of England and the Greek of the classic ages. It will generally be found that the passages of the received version whose diction is most purely Saxon are not only most forcible in expression, but also the most faithful transcripts of the text, and that a Latinized style is seldom employed without loss of beauty of language, and at the same time of exactness in correspondence.* Whatever questions may be raised respecting the accuracy with which particular passages are rendered, there seems to be no difference of opinion among scholars really learned in the English

* The difference between a Latinised and an idiomatic English style is very instructively exemplified in the versions of Hereford and Purvey, and, in a less degree, in Wycliffe's New Testament as compared with the later text. There is a somewhat similar distinction between the Rhemish translation and the Protestant versions of the 16th century, the advantage in almost every instance being with the more idiomatic style, in point of both clearness of expression and accuracy of rendering.

tongue as to the exceeding appropriateness of the style of the authorized version, and the attempt to bring down that style to the standard of to-day is as great an absurdity, and implies as mistaken views of the true character and office of human language, and especially of our maternal speech, as would be displayed by translating the comedies of Shakespeare into the dialect of the popular farces of the season.

§ 10. There is another consideration, the force of which can hardly be fully apparent except to persons familiar with philological pursuits, and especially with the Scriptural languages, and with Early English. The subjects of the Testaments, Old and New, are taken from very primitive and artificial life. With the exception of the writings of Paul, and in a less degree of Luke, there is little evidence of literary culture, or of a wide and varied range of thought, in their authors. They narrate plain facts, and they promulgate doctrines, profound indeed, but addressed less to the speculative and discursive, than to the moral and spiritual faculties, and hence, whatever may have been the capabilities of Hebrew and of classical Greek for other purposes, the vocabulary of the whole Bible is narrow in extent, and extremely simple in character. Now, in the early part of the sixteenth century, when the development of our religious dialect was completed, the English mind, and the English language, were generally in a state of culture much more analogous to that of the people and the tongues of Palestine than they have been at any subsequent period. Two centuries later the native speech had been greatly subtilized, if not refined. Good vernacular words had been supplanted by foreign intruders, comprehensive ideas and their vocabulary had been split up into artificially discriminated thoughts, and a corresponding multitude and variety of terms. The language in fact had become too copious, and too specific, to have any true correspondences with so simple and artificial a diction as that of the Christian Scriptures. Had the Bible then for the first time appeared in an English dress, the translators would have been perplexed and confounded with the multitude of terms, each expressing a fragment, few the whole, of the meaning of the original words for which they must stand, and whereas, three hundred years ago, but one good translation was possible, the eighteenth century might have produced a dozen, none altogether good, but none much worse than another. We may learn from a paragraph in Trench what a different vocabulary the Bible would have displayed, if it had been first executed or thoroughly revised at that period. One commentator, he says, thought the phrase "clean escaped" a very low expression; another would reject "straightway, haply, twain, athirst, wax (in the sense of grow), lack, ensample, jeopardy, garner, passion," as obsolete; while the author of a new translation condemns as clownish,

barbarous, base, hard, technical, misapplied, or new-coined, such words as beguile, boisterous, lineage, perseverance, potentate, remit, shorn, swerved, vigilant, unloose, unction, vocation, and hundreds of others now altogether approved and familiar.

§ 11. From what I have said it will of course be understood that I see no sufficient present reasons for a new translation, or even for a revision, of the authorized version of the Bible, but there are certain considerations, distinct from the question of the merits of that version, which ought to be suggested. The moral and intellectual nature of man has few more difficult practical problems to resolve than that of tracing and following the golden mean between a passion for novelty and an ultra-conservative attachment to the time-honoured and the old. Both extremes are inherently, perhaps equally, mischievous, but the love of innovation is the more dangerous, because the future is more uncertain than the past, and because the irreverent and thoughtless wantonness of an hour may destroy that which only the slow and painful labour of years or of centuries can rebuild. The elements which enter into the formation of public opinion on great questions of Church and State are so very numerous, and their mutual relations and influences are so obscure, that it is difficult to control and impossible to predict the course of that opinion. In free states, ecclesiastical and political institutions are of themselves in so mutable a condition, that any voluntary infusion of disturbing ingredients is generally quite superfluous, and under most circumstances not a little hazardous. Intimately connected with the changes of opinion on these great subjects are the changes constantly going on in language, and which so many circumstances in modern society are accelerating with such startling rapidity. Fluctuations in language are not merely a consequence, they are yet more truly an indication and a cause of corresponding fluctuations in moral and intellectual action. Whoever, therefore, uses an important word in a new sense, is contributing to change the popular acceptation, and finally the settled meaning, of all formulas in which that word is an element. Whoever substitutes for an old word of well-understood signification a new vocable or phrase, unsettles, with the formulas into which it enters, the opinions of those who have habitually clothed their convictions in those stereotyped forms, and thus introduces, first doubt, and then departure from long received and acknowledged truth. Experience has taught jurists that in the revision or amendment of statutes, and in sanctioning and adopting by legislative enactment current principles of unwritten law, it is a matter of the first importance to employ a phraseology whose precise import has been fixed by a long course of judicial decisions, and it has been found impossible in practice to change the language of the law, for the purpose of either modernizing or making it otherwise

more definite, familiar, or intelligible, without at the same time changing the law itself. Words and ideas are so inseparably connected, they become in a sense so connatural, that we cannot change the one without modifying the other. Every man who knows his own language finds the modernization of an old author substantially a new book. It is not, as is often pretended, a putting of old thoughts into a new dress. It is the substitution of a new thought more or less divergent from the original type. Language is not the dress of thought; it is its living expression, and it controls both the physiognomy and the organization of the idea it utters.

A new translation of the Bible, therefore, or an essential modification of the existing version, is substantially a new book, a new Bible, another revelation, and the authors of such an enterprise are assuming no less a responsibility than that of disturbing, not the formulas only, but the faith of centuries. Nothing but a solemn conviction of the absolute necessity of such a measure can justify a step involving consequences so serious, and there are but two grounds on which the attempt to change what millions regard as the very Words of Life can be defended. These grounds, of course, are, first, the incorrectness of the received version, and secondly, such a change in the language of ordinary life as removes it so far from the dialect of that version that it is no longer intelligible without an amount of special philological study out of the reach of the masses who participate in the universal instruction of the age.

§ 12 Upon this latter point I can only recapitulate what I have already said, in expressing my decided opinion that the diction of the English Bible in general cannot be brought nearer the dialect of the present day without departing from the style of the original, in the same proportion as it is made to approximate to more modern forms and a more diversified vocabulary. At the same time, it is not to be denied that modern criticism has established some better readings of the original text, detected some unimportant misinterpretations of undisputed readings, and pointed out some deviations from idiomatic propriety of expression in the English of our version. None will dispute that the removal of all such blemishes would be highly desirable, but there is little reason to suppose that such an improvement is practicable at the present moment, or that the attempt could now be made without the hazard of incurring greater evils than those which, by any large body of competent judges, are now believed to exist. That there is any *special* present necessity for a revision cannot be seriously pretended, and a strong, perhaps I should say a decisive, objection against a present attempt to revise, is the state of existing knowledge with respect both to the ancient and the modern languages concerned in the translation. There is no sufficient reason to doubt that at the end of this century the knowledge

of Biblical Greek and Hebrew will be as much in advance of the present standard as that standard is before the sacred philology of the beginning of the century, and there are, on the other hand, the strongest grounds for believing that English, in its history, its true significance, its power, will then be better understood and more ably wielded than at this day it is or can be. The critical study of English has but just commenced. We are at the beginning of a new era in its history. Great as are its powers, men are beginning to feel that its necessities are still greater. There is among its authors an evident stretching out for additional facilities of expression, and, as a means to this end, a deeper reaching down into the wells of its latent capabilities, and hence, as I have so often remarked, a more general and zealous study of those ancient forms of English, out of which was built up the consecrated dialect of our mother-tongue. A revision of the English Bible, then, is at the present time not merely unnecessary, but, with reference to our knowledge of language, wholly premature, and whatever is now done in this way will assuredly be thrown aside as worthless, whenever changes in the English speech, or the discovery of important errors in the received translation, shall make the want of a better a real want.

The present is an unfavourable moment in some other respects. The acuteness of German criticism, the speculations of German philosophy and theology, have given rise to a great multitude and diversity of opinions, not on questions of verbal interpretation merely, but of doctrine also, which are but just now beginning to be openly and freely discussed in England and America, and the minds of men are now perhaps more unsettled on these topics than they have been at any time for three centuries. It is highly improbable that, leaving the question of competency aside, a sufficient number of Biblical scholars could be found, even within the limits of any one Protestant denomination in either country, whose theological views so far harmonize that they would agree in new forms of expression upon points now under discussion, and, of course, between them and scholars of other denominations the discrepancy would be still wider; so that every sect, however few in numbers, which feels the want of a revision, would be under the necessity of framing one for itself. There seems, however, to be some reason for believing that, when the excitement growing out of the novelty of the discussions which are going on, in lay as well as clerical circles, shall have subsided, there will be a more general concurrence of opinion, both in denominations and *between* them, and then there is room to hope that increased harmony and increased knowledge may conspire to give the English Bible a greater perfection in point of accuracy and of expression, and at the same time a catholic adaptation to both the

future speech and the future opinion of English and American Protestant Christianity.

The objections against a multitude of sectarian translations are very serious. The dialect of the English Bible is also the dialect of devotion and of religious instruction wherever the English language is spoken, and all denominations substantially agree in their sacred phraseology, with whatever difference of interpretation. There are always possibilities of reconciliation, sympathies even, between men who, in matters of high concernment, habitually use the same words, and appeal to the same formulas, whereas a difference of language and of symbols creates an almost impassable gulf between man and man. When, therefore, we have, not different churches only, but different Bibles, different religious dialects, different devotional expressions, the jealousies of sectarian division will be more hopelessly embittered, and the prospect of bringing about a greater harmony of opinion and of feeling among English-speaking Protestants proportionally darkened.

At this day there could be no harmony of action on this subject between different churches. Even Trench, a man of a liberal spirit, seems to reject the plan of *uniting* for this purpose with those not embraced in the organization of his own church, though he admits that, with the exception of the "so-called Baptists," they might advantageously be invited to offer suggestions—to be decided upon, apparently, by a body of which they are not to be members. Those who proclaim views of such narrow exclusiveness have no right to expect that theologians who dissent from them on questions of ecclesiastical government will be more charitable than themselves, and it is not probable that scholars who are not of the English Church will be very prompt to offer suggestions upon such terms. So long as this sectarian feeling—for it can be appropriately designated by no other term—prevails on either side, there can be no union upon conditions compatible with the self-respect of the parties, and unless better counsels prevail, whenever revision comes, English and American Protestantism will have not one Bible, one standard of religious faith, but many.

Besides the inconveniences of such a state of things, to which I have just alluded, there is the further evil that each one of the new revisions will be greatly inferior to what the joint labours of scholars of different denominations might produce. Whatever crude and hasty *opinions** individuals may adopt with respect to the superior learning and ability of their own religious communions, it is very

* An old and just definition of opinion is *assensus rei non ex-
eluctatæ*, and there is a vast deal of sectarian religious opinion in all Chris-
tian denominations which cannot lay claim to any higher logical value.

certain that neither the English Church nor any other Christian sect possesses, within its own limits, so full a measure of knowledge and talent, that in such a work as the revision of the English Bible it can afford to dispense with the co-operation of other denominations; and the ecclesiastical body which cuts itself off from other branches of the Church, by attempting that work without at least an earnest effort to secure such co-operation upon equal and honourable terms, may justly be deemed schismatic.

In a brief discourse like the present the arguments on this question can be hinted only, not detailed; but I think we may justify the general conclusion, that, as there is no present necessity for a revision, so is there no possibility of executing a revision in a way that would be, or ought to be, satisfactory even to any one Protestant sect, still less to the whole body of English-speaking Protestants. To revise under present circumstances is to sectarianize, to divide the one catholic English Bible, the common standard of authority, in Protestant England and America, into a dozen different revelations, each authoritative for its own narrow circle, but, to all out of that circle, a counterfeit; it is a practical surrender of that human excellence of form in the English Bible, which, next to the unspeakable value of its substance, is the greatest gift which God has bestowed on the British and American people.

LECTURE XXIX.

CORRUPTIONS OF LANGUAGE.

§ 1. Corruptions arising from accidental or local causes. § 2 Examination of Dr. Latham's paradox on the corruption of language. § 3 Causes of the corruption of language. § 4. Ignorance of grammarians. passive verb with "being" explanation of the phrase "the house is in building or a building." § 5. Analogous forms in English. § 6. Analogous forms in other languages. § 7 New participial constructions. § 8 "Shall" and "Will" § 9 "In respect of," "In regard of." § 10 Omission of the article. § 11 Decay of Greek and Roman literature

§ 1 In studying the history of the successive changes in language, it is by no means easy to discriminate, at all times, between positive corruptions, which tend to the deterioration of a tongue in expressiveness or moral elevation of vocabulary, in distinctness of articulation, in logical precision, or in clearness of structure, and changes which belong to the character of speech, as a living semi-organism connatural with man or constitutive of him, and so participating in his mutations. By these latter changes language continually adapts itself to the intellectual and material condition of those who use it, grows with their growth, shares in their revolutions, perishes in their decay. Its changes of this sort can be resisted by no limited special effort, and they can be checked only by the same conservative influences that retard the decline of the race to which it is vernacular. Mere corruptions, on the contrary, which arise from extraneous or accidental causes, may be detected, exposed, and, if not healed, at least prevented from spreading beyond their source and infecting a whole nation. To pillory such offences, to point out their absurdity, to detect and expose the moral obliquity which too often lurks beneath them, is the sacred duty of every scholar, of every philosophic thinker, who knows how nearly purity of speech, like personal cleanliness, is allied with purity of thought and rectitude of action. When, then, the Autocrat of the Breakfast Table ridicules the affectation of responding to a remark of your companion by an interrogative *Yes?*—when a journalist laughs at the Cockney use of *immediately* and *directly* in place of *as soon as*, or *after*; as, for example, *directly John came*, I went away, or the Americanism of employing *community* without the article, as in *community*, for in *the community*; the

vulgarism of such phrases as *in our midst*, and *unbeknown* to me; the preciousness, if I may use an expressive Gallicism, of not merely pronouncing, but of exaggerating, the *t* in *often*, as if it were *ofttun* or *oftten*; the provincial substitution of the obscure for the clear pronunciation of the final vowel, transforming Mississippi and Ohio into Mississippüh and Ohüh;—in all these cases a real service is rendered to the community, and to the language.

§ 2 Latham appears to me to confound the progress of natural linguistic change, which is inevitable, and the deterioration arising from accidental or local causes, which may be resisted, and he denies that there can be any such thing as the corruption of a language. All languages, he thinks, are equally intelligible, and consequently, equally what they ought to be, namely, mediums of intercourse between man and man, and hence, continues he, "in language whatever is is right" In the concluding paragraph of the Preface to the second edition of his 'Treatise on the English Language,' he observes,—"I am not desirous of sacrificing truth to an antithesis; but so certain is language to change from logical accuracy to logical licence, and, at the same time, so certain is language, when so changed, to be as intelligible as before, that I venture upon asserting that not only *whatever is is right*, but also that in many cases *whatever was was wrong*." There is in this passage a singular confusion of thought and of expression. First, it maintains the paradox that, when languages were spoken with logical accuracy, they were wrong, but now, when they have degenerated into logical licence, they are right, and, secondly, the final conclusion contradicts the premises from which it is deduced. The argument is, that language always adapts itself to the uses of those who employ it, that it changes only as they change, and that it is at all times equally well suited to the great purposes for which that faculty was given to man. If this is so, then that which *was* must have been right for the time *when it was*, upon the same principle that that which *is* is right for the present time. To affirm, then, as a result from the general doctrine of the constant adaptation of language to man's nature and wants, that all that at any time is in language is *right*, but that something which at a past time *was* was *wrong*, is not an "antithesis," but a palpable inconsistency, a contradiction in terms. Either, then, our author means that whatever *is* is *right*, and, upon the same principle, whatever *was* was *right*, but, by virtue of necessary changes in speech, much that *was* *right* is at present *wrong*, or he means nothing at all; and his entire proposition is at war with itself, and, as lawyers say, repugnant. But, in spite of the authority of Latham, I see no reason why, independently of the evidence of comparison between different stages of a given tongue, we may not as well speak of the corruption of a language as of the deterioration of

a race. No man doubts that certain species or families of animals, man himself included, become, by change of climate, or of other natural conditions, physically inferior to what they have been in former and different circumstances, and there is unhappily equally irresistible evidence of the moral and intellectual deterioration of nations. When, then, a people, once great in mind, great in virtue, powerful in material energy, becomes enfeebled in intellect, depraved in heart, and effeminate in action, and then language drops the words belonging especially to the higher faculties and perceptions, or perverts them to sensuous, base, earthly uses, and is no longer capable of the expression of lofty conceptions, generous emotions, or virtuous resolves, are we not to say that their language is corrupted? So far as respects the needs and conveniences of material life, it may perhaps be true that one form of it is as expressive and appropriate as another, but the theory which I am combating forgets that language is not a tool, or even a machine, but is of itself an informing vital agency, and that, so truly as *language* is what man has made it, just so truly *man* is what language has made him. The depravation of a language is not merely a token or an effect of the corruption of a people, but corruption is accelerated, if not caused, by the perversion and degradation of its consecrated vocabulary; for every human speech has its hallowed dialect, its nomenclature appropriated to the service of sacred things, the conscience, the generous affections, the elevated aspirations, without which humanity is not a community of speaking men, but a herd of roaring brutes. When, therefore, popular writers in vulgar irony apply to vicious and depraved objects names or epithets set apart by the common consent of society to designate the qualities or the acts which constitute man's only claim to reverence and affection, they both corrupt the speech, and administer to the nation a poison more subtle and more dangerous, because less obvious, than the bitterest venom with which the destructive philosophy has ever assailed the moral or the spiritual interests of humanity.

§ 3. Besides the moral degradation of language, accidental circumstances, such as the affectations and caprices of fashionable society, the inaccuracies or the whim of a distinguished and influential individual, and especially the ambitious ignorance of would-be reformers, often corrupt language philologically, by introducing violations of grammar, or of other proprieties of speech, which a servile spirit of imitation adopts, and which, at last, supersede proper and idiomatic forms of expression. Again, the usage of a great city or an important province, itself occasioned purely by local and temporary circumstances, may extend over a whole country, and thus words, phrases, syntactical combinations, not only ill-suited but repugnant to the genius of a language, may force their way into it, to the exclusion of

more appropriate terms, and become permanent, though inharmonious and ill-assimilated, ingredients of the national speech. Changes of this sort are not exemplifications of the general laws of language, any more than the liability to be smitten with pestilence through infection is an exemplification of the normal principles of physiology; and therefore a language thus affected is as properly said to be corrupted as is a person, who has taken a contagious malady, said to be diseased.

So with respect to pronunciation. Are not the emasculation of our once manly and sonorous tongue, by contracting long vowels into short and suppressing short vowels altogether, the crowding of half a dozen syllables into one explosive utterance, the thick indistinguishable articulation, the crazy confusion of the aspirate and silent *h*, all of which characterize the native dialect of London, and, but for the influence of printing on pronunciation, which I have discussed on a former occasion, would have spread over the whole island—are not these corruptions of speech which should be exposed, stigmatized, and corrected, as well as moral delinquencies, or vulgarisms of manner? To deny that language is susceptible of corruption, is to deny that races or nations are susceptible of depravation, and to treat all its changes as normal, is to confound things as distinct as health and disease.

§ 4 I have spoken of the ignorance of grammarians as a frequent cause of the corruption of language. An instance of this is the clumsy and unidiomatic continuing present of the passive voice, which, originating not in the sound common sense of the people, but in the brain of some grammatical pretender, has widely spread, and threatens to establish itself as another solecism in addition to the many which our syntax already presents. The phrase “the house *is being built*,” for “the house *is building*,” is an awkward neologism, which neither convenience, intelligibility, nor syntactical congruity demands, and the use of which ought therefore to be discountenanced, as an attempt at the artificial improvement of the language in a point which needed no amendment. The English active present, or rather aorist, participle in *-ing* is not an Anglo-Saxon, but a modern form, and did not make its appearance as a participle until after the general characteristics which distinguish English from Saxon were fixed. The Saxon active participle terminated in *-ende*, as *lufigende*, loving, but there was a verbal noun with the ending *-ung*, sometimes written *-ing*, as *clænsung* or *clænsing*, cleaning or cleansing. The final vowel of the participle was soon dropped, and the termination *-and* or *-end* became the sign of that part of speech. The nominal form in *-ung* also disappeared, and *-ing* became the uniform ending of verbal nouns. Between the verbal noun of action and the active participle there is a close gram-

matical as well as logical analogy, which is exemplified in such phrases in French and English as *l'appetit vient en mangeant*, appetite comes *with eating*. Hence the participle ending in *-and* or *-end* and the verbal noun ending in *-ing* were confounded, and at last the old participial sign, though long continued in Scotland, was dropped altogether in England, and the sign of the verbal noun employed for both purposes. I have observed on former occasions, that, when new forms are superseding old ones, as, for example, in the substitution of *its* for *his* as a neuter possessive, *since* for *sith*, there is often a period when good writers avoid the employment of either. This was the case with regard to the new and old forms of the active participle, for in the 'Ormulum,' which contains more than twenty thousand lines, there is not a single instance of the use of the active participle in either form, though there are four or five participial adjectives in *-end*, and twenty or twenty-five verbal nouns in *-ing*. The ancient termination in *-end* survived in popular speech long after it became extinct in literature, and the vulgar pronunciation, *goin'*, *livin'*, and the like, is a relic of that form, not a dropping of the nasal *g* final in the modern inflexion.

The earliest form in which the phrase we are considering occurs is, "the house is *in* building, or *a* building," *a* being probably a contraction of the Saxon *on*, or the modern English *in*.* Ben Jonson, in his English Grammar, states expressly that before the participle present, *a*, and if before a vowel, *an*, gave the participle the force of a gerund, and he cites as an example, "a great tempest was *a brewing*." The obvious explanation of this form of speech is, that what grammarians choose to call a present participle is really a verbal noun, and, if so, there is nothing more irregular or anomalous in the phrase "the ship is *in* building," than in saying "be industrious *in* working, be moderate *in* drinking;" for the verbal noun may as well have a passive as an active or a neuter signification.

The preposition *on* or *a* was dropped about the beginning of the eighteenth century, but it is still understood, and in this construction, though the form is the same as that of the participle, the verbal noun is still as much a noun as it was when the preposition was expressed.

§ 5. But if this explanation be rejected, and it be insisted that, in the phrase in question, *building*, *making*, &c., are true participles, active in form, but passive in signification, the construction may be defended, both by long usage, which is the highest of all linguistic

* For examples see Notes and Illustrations, *On the Participial Noun used Passively*

authorities, and by the analogy of numerous established forms of speech, the propriety of which no man thinks of questioning. The active form is passive in sense in the phrases, he is *to blame*, I give you this picture *to examine*, he has books *to sell*, this fruit is good *to eat*. It is true that in these expressions, and others of similar construction, what appears to be an infinitive active is not so, but a relic of the Anglo-Saxon corresponding phrase, consisting of a gerund preceded by the particle *to*, which in that language was not the sign of the infinitive, as it is in modern English; but, nevertheless, the analogical argument from an authorized use of an active form in a passive sense remains unaffected. The common expression, these books *sell* well, and many others similar in principle, admit of no such explanation, and the verb, though active in inflexion, is as unequivocally passive in signification, as are the Latin *vapulo* and *venco*. Upon what principle, but the passive use of an active participial form, can we explain such phrases as *drinking-water*, a *riding-horse*, for *water fit to be drunk*, or a *horse kept to be ridden*? It is no answer to say that these are to be considered as compound words, because the passive sense still remains with the active ending. So, in this expression, "*Considering the shortness and uncertainty of life, it is presumptuous in any man to expect to attain to the age of a hundred years,*" *considering* is used in a passive sense, as is seen clearly by the French equivalent in this construction, which is the passive participle *vu* or *attendu*.*

The expressions, the falling-sickness, a stepping-stone, a spinning-wheel, a stumbling-block, a drinking-glass, a working-day, the latter two of which at least are true compounds, are not exactly analogous with any I have cited, for though drinking-water is water that is or may be drunk, and a riding-horse is a horse that is or may be ridden, yet we cannot so convert these last phrases. A drinking-glass is not a glass to be drunk, but neither is it the glass that drinks, nor the day that works, nor the wheel that spins. But, though not grammatically identical, these constructions are of the same anomalous character as "the house is building"—the resolution of which into "the house is *a* building, or *in* building," is as easy and as idiomatic as to translate "drinking-glass" into "a glass *for* drinking."

But, independently of these analogies, we have several combinations, in which even the purists, who condemn the phrase in

* When the sentence contains a personal nominative with which the participle may agree, it may possibly be regarded as active; as, for example, "*Considering the feeble state of his health, he ought not to undertake the journey,*" which may be resolved into, "*He, considering the feeble state of his health ought not,*" &c

question, employ precisely the same form, and that, too, not with a verbal noun, but with a true participle. To *owe*, to *miss*, to *want* are all transitive verbs; but no Englishman scruples to speak of *debts owing*, to say that a paper *is missing*, or that a sovereign *is wanting*,* to make up a specified sum.

The reformers who object to the phrase I am defending must, in consistency, employ the proposed substitute with all passive participles, and in other tenses as well as the present. They must say therefore, The subscription-paper *is being missed*, but I know that a considerable sum *is being wanted* to make up the amount; the great Victoria Bridge *has been being built* more than two years; when I reach London, the ship Leviathan *will be being built*; if my orders had been followed, the coat *would have been being made* yesterday; if the house had then *been being built*, the mortar would *have been being mixed*.

Besides these cases of active verbal forms with a passive sense, we have nouns of similar character. Confessor, for example, analogically ought to mean one who confesses, whereas it signifies a priest who is confessed to: prisoner should be a man who imprisons, but it signifies one who is imprisoned. There are even examples of passive participles with an active sense. A *well-spoken*, or a *fair-spoken* man, is a man who speaks well or smoothly; and *well-seen* in a science not long since meant *seeing* far into, having a *deep insight* into, that science. All languages are full of these anomalies; and he who resolves to utter or write nothing which he cannot parse, will find himself restricted to a beggarly diction.

§ 6. The employment of active forms with a passive sense, and contrariwise, the attribution of an active force to passive inflexions, are sanctioned by the analogy of all the languages to which English is related. Not to mention exceptional cases, the Latins regularly employed the gerundial both actively and passively, the Latin deponent and the Greek middle voice, passive in form, are active in sense; the Icelandic active participle is used gerundially as a passive; as *ecki er trúanda*, it is not to be believed; in some, at least, of the Friesic dialects, the same construction is used, *tha drivanda* and *tha draganda*, the driving, and the carrying, meaning live cattle which can *be driven*, and lifeless articles which can

* These expressions are all old. The first occurs in a letter from Henry VII. to his mother, written certainly as early as 1508: "Ye . . . have graunted unto me . . . such debts and duties which is owing and dew to you," &c.—FISHER'S *Sermon on Countess of Derby*, Appendix, p. 39.

Wanting is several times used by Palsgrave in a similar way; as, "though any fewe wordes . . . shall fortune . . . to be wantyng;" and, "whiche he . . . shall suppose to be wantyng"—PALSGRAVE, 868.

be carried; the Danes say, blæsende Instrumenter, blowing instruments, for instruments that are blown, wind instruments, and, in spite of the grammarians, few Germans would hesitate to say, with Liebig, eine zu begründende Wissenschaft, a science founded, or to be founded, &c,* or to speak of das zu beziehende Haus, the house to be occupied, eine vorhabende Reise, a journey to be undertaken; while verdienter and Bedienter, participial passive forms, are constantly used actively, the one as an adjective, the other as a noun.

Upon the whole, then, we may say, that the construction "the house is building" is sustained by the authority of usage, and by many analogies in the English and cognate languages. Nor is it objectionable as an equivocal phrase, because it is very seldom used when the subject is of such a nature that it can be an agent, and always with a context, or under circumstances which show that the participle must be taken in a passive sense.

To reject it, therefore, is to violate the laws of language by an arbitrary change, and, in this particular case, the proposed substitute is at war with the genius of the English tongue.

But if an innovation in the established phraseology of the last two centuries must be made, either for the sake of change, or with the view of harmonizing English syntax to the eye, let us at once cast off the fear of ignorant criticism and the sneers of precisian affectation, go back to the primitive construction, which the popular good sense and grammatical instincts of humble English life have still preserved, and say, with our fathers—"the ark was *a* preparing," "the house was *in* building."

§ 7. The participial form is, in most languages, a stumbling-block,† and the resemblance between that part of speech and the verbal adjective is a constant source of embarrassment. How subtle and difficult of application are the rules for determining when the active participle in French is to be treated as a form of the verb, and so not declined, and when as an adjective, and accordingly to be varied for gender and number! And in French and Italian, how

* "Es giebt in der That Aerzte und medicinische Schriftsteller welche behaupten: dass eine auf exacte Kenntniss zu begründende Wissenschaft der diätetischen und medicinischen Praxis unmöglich sei."—LIEBIG, *Chem. Briefe*, 4^{te} Auflage, 1. 17

Other examples of the use of active forms with a passive sense, in French and German, are the *Fr. voyant*, as applied to colours, in the signification of showy, conspicuous, "*le texte n'est pas encore fini d'imprimer*," *Lettre de Clavier* a P. L. Courier, 3 Sept. 1809, "*Diese Stadt . . . ist zu bauen angefangen*," BERGHACS, *Was man von der Erde weiss*, 1. 876

† Query for the purists: Ought I rather to say, A block-that-is-being stumbled-at?

hard to know when the participle in the compound tenses is declinable, and when not! We have not the same, but analogous, difficulties in our own words of the same class. There is a large number of both active or present, and past or passive participles, which use has converted into adjectives, and their syntax has been modified accordingly. To the employment of those to which the ear has been familiarized by practice we are reconciled, but we instinctively shrink from every new attempt to confound words of these two classes. There is at present an inclination in England to increase the number of active, in America of passive participles, employed with the syntax of the adjective. Thus, in England it is common to hear, "such a thing is *very damaging*," and the phrase has been recently introduced into America. Trench says, "Words which had become unintelligible or *misleading*," and "the phrase could not have been other than more or less *misleading*;" "these are the most serious and most *recurring*." Now, though *pleasing*, *gratifying*, *encouraging*, and many other like words, have long been established as adjectives, yet the cases cited from Trench strike us as unpleasant novelties. The rule appears to be this. Where there exists an adjective of corresponding meaning, we cannot employ the participle as an adjective; but if there is no such adjective, the participle may take its place. To apply this: we ought not to say *very damaging*, because we have the adjective *injurious*; or *very recurring*, because we have *frequent*. But we may employ *gratifying* and *encouraging* as adjectives, because there are no English adjectives with the same meaning. Upon the same principle, we may justify the use of *misleading* with an adjectival syntax, though it has a raw and unpleasant savour, and it is objectionable only because it is new.

Many past or rather passive participles have long been employed as adjectives, and it is difficult to lay down a rule for distinguishing between them. A practical criterion is the application of the adverb *very*, which we use to qualify adjectives, not participles, except when the latter have become adjectives; thus we say "I am *very happy*," but not "I am *very delighted*;" though *very tired*, *very learned*, and the like, are freely employed. The inclination in America is to enlarge the list of these words, and we not unfrequently hear such expressions as "very satisfied," "very pleased." It is not easy to see why we may say "a tired man," "a learned man," "he is very tired" or "very learned;" but, on the other hand, while we use the phrase "a disappointed man," we cannot say "he is very disappointed," though he is "very much disappointed" is an idiomatic phrase.

The more frequent employment of both the participles with an adjectival syntax is, in its origin, a Gallicism, but it also exemplifies the prevailing inclination to reject purely grammatical distinctions

and to simplify our grammar, by assimilating forms and phrases which suggest no substantial difference of sense, while we are at the same time increasing our power of expression by enlarging our vocabulary, and more nicely discriminating between words of like general meaning

It is doubtless an improvement in any language to increase the significance of its vocabulary, and make the meaning of a period depend more on the inherent force, and less on the form and arrangement, of the words that compose it, and therefore, though every man of taste will prefer to follow rather than to lead in linguistic changes, yet there is no sound objection to the tendencies of which I am speaking, except the repulsive effect of all neologisms in syntax.

§ 8 The same observation will apply to another grammatical subtlety, which, whatever may be its origin, has at present no logical value or significance whatever. I refer to the distinction between *will* and *shall*, as used with different personal pronouns, whether as signs of the future, or as forms of determination or authority. I *shall*, you *will*, and he *will*, are generally simply futures, predictions, and *will* and *shall* are true auxiliaries. I *will*, you *shall*, and he *shall*, are expressions of determination, and *will* and *shall* are not true auxiliaries. No very satisfactory explanation of a distinction apparently so arbitrary has been given, though some ingenious suggestions as to the origin of it have been offered, but, whatever foundation may once have existed for this nicety, it now answers no intellectual purpose. In Scotland, and in many parts of the United States, *will* and *shall* are confounded, or at least not employed according to the established English usage. There is little risk in predicting that at no very distant day this verbal quibble will disappear, and that one of the auxiliaries will be employed with all persons of the nominative exclusively as the sign of the future, and the other only as an expression of purpose or authority. To persons accustomed to be scrupulous in the use of these words, the confusion or irregular employment of them is one of the most disagreeable of all departures from the English idiom, but as the subtlety in question serves no end but to embarrass, the rejection of it, accompanied with a constant distinction in *meaning* between the two words, must be deemed not a corruption, but a rational improvement.*

§ 9 It is impossible, in a single lecture, to notice in detail the thousand violations of grammatical propriety which are constantly springing up and threatening to pervert and denaturalize our mother

* [On the difference between these words, the student should consult the very instructive work of Sir Edmund Head, entitled *Shall and Will*. He shows that Shakespeare's use of them is similar to our own, and that the difference between them is far more than a 'verbal quibble.'—ED.]

tongue; but the deliberate introduction of incorrect forms, whether by the coinage of new, or the revival of obsolete and inexpressive syntactical combinations, ought to be resisted even in trifles, especially where it leads to the confusion of distinct ideas. An example of this is the recent use of the adverbial phrases *in respect of*, *in regard of*, for *in* or *with* respect or regard to. This innovation is without any syntactical ground, and ought to be condemned and avoided as a mere grammatical crotchet.

The writers of the seventeenth century used these expressions in three senses:—First, for "*in comparison with*," as, "The expenses of the government are small *in respect of* its revenue," secondly, for "*by reason of*," or "*on account of*," as, "In *respect of* our ignorance and frailty, we ought to be humble;" and finally, as a mode of introducing a subject, limiting a general proposition, or referring to a particular point, in which case it was equivalent to the phrases "*as to*," "*in reference to*," "*respecting*," "*so far as concerns*," &c.* The first use, that expressive of comparison, soon became obsolete, and has not been revived. The form, *in respect of* or *in regard of*, was then confined to the meaning by *reason of*, *on account of*, and *in* or *with* respect or regard to was employed in the sense of *in reference to*, *respecting*. This employment of these latter two forms had become well settled, though the first of them was seldom employed except in the dialect of the law. Coleridge was the first eminent writer of this century who returned to the practice of using "*in respect of*" exclusively, but his writings never had sufficient currency to produce much influence on the language. Since his time, however, some deservedly popular writers have employed this phrase; and with Trench it is a pet construction, and often introduced when a very different phrase would much better express its meaning. It rests, of course, on the theory that in this phrase *respect* or *regard* is an independent noun, and therefore should be followed by the preposition *of*. But this, I think, is a mistaken view of the subject.

* First sense, of "comparison:"—

"The Warres of Latter Ages seeme to be made in the Darke, *in respect of* the glory and honour which reflected upon men from the Wars in ancient Time."—Bacon, *Essays*, 1639, Essay xxx., *Of the True Greatness of Kingdoms*.

Second sense, "by reason," or, "on account of:"—

"The Northern tract of the World is in nature the more martial Region. be it *in respect of* the Stars of that Hemisphere, . . . or of the cold of the Northern parts, which . . . doth make the bodies hardest and the courage warmest."—*Ibid.*, Essay lvi., *Of Vicissitudes of Things*.

Third sense, "relatively to," or, "with reference to:"—

"Timing of the Suite is the principal; Timing, I say, not onely *in respect of* the Person that should grant it, but *in respect of* those which are like to cross it."—*Ibid.*, Essay xli., *Of Suitors*.

LECT XXIX

OMISSION OF THE ARTICLE.

The word *respect* in this combination has none of the meanings known to it as an independent noun in the English vocabulary. The expression "in or with respect" is an idiotism, a phraseological construction of an adverbial character, and in its ordinary modern use it is the equivalent of relatively. Old writers sometimes say "respectively to" This is now disused, but "relatively to" is by no means unfrequent, and "in respect of," used in this sense, is just as gross a violation of English grammar as to write "relatively of," or "in reference of."

The mere violation of a grammatical rule would be a comparatively small evil, but most of the writers who have adopted this innovation are so anxious to parade it as a badge of the style of a school, that they drag it in on all occasions where they can by any chance contrive to introduce it, very often employing it in constructions that leave it difficult to determine whether they mean *relatively to*, or *by reason of*, or *in point of*, and the vague use of the phrase, of course, tends to embarrass the reader by confounding in expression things logically very distinct.*

§ 10. The two changes which I have now been considering are not of popular, but of scholastic origin, and they are wholly the fruit of an affectation of superior correctness. But there is, among the novelties I have referred to, one which originated with the multitude, and has a psychological foundation, though it is too much at variance with the general analogy of the language to deserve countenance. I refer to the use of the word community without the article, where not employed in the sense of *in common*, as, for example, "Community is interested in the question," "the policy is injurious to community." So far as I am aware, no respectable writer has sanctioned this form of speech, and it is justly regarded as a very gross vulgarism, but I could name persons of some position in the literary world who employ it colloquially. The general rule is, that common nouns employed in a definite sense in the singular number must take the article. Thus, in the first of the instances just given, though ignorant people, and some who are not ignorant, except in this particular, say "Community is interested in the question," no one would say "Public is interested in the question." The philosophical instinct of every English-speaking man would be shocked at the omission of the article, and would correct the phrase by sup-

* Nobody ever thinks of saying "in reference of," but if these phrases are to be governed by the rules of English construction of nouns, there is as good ground for this expression as for "in respect of." The Latin etymology of *respect* has nothing to do with the question, for the Latin primitive was not used for any such purpose, or in any such construction, and the phrase in question is strictly an English idiotism.

plying it: "*The* public is interested." Now, the grammatical category of the words *community* and *public* in these examples is the same. Why, then, do some ears demand the article in one case, and reject it in the other? The explanation is this. When we *personify* common nouns used definitely in the singular number, we may omit the article. Thus *Holy Church*, not *the* Holy Church, was constantly used by old writers, because the Church was invested with personality, regarded as a thinking, acting, authoritative entity. For the same reason *Parliament*, and, in England, *Ministers*, used instead of *the Ministry*, do not take the article, nor, according to present usage, does *Congress*, as applied to the national legislature of the United States; and in the ecclesiastical proceedings of some religious denominations *Convention* and *Synod* are employed in the same way, on the same principle. With respect to *Congress*, the omission of the article is recent, for during the Revolution, while the Federal Government was a body of doubtful authority and permanence, and not yet familiar to the people as a great continuing, constitutive, and ordaining power, the phrase used was commonly "*the* Congress," and such is the form of expression in the Constitution itself. But when the Government became consolidated, and Congress was recognised as the paramount legislative power of the Union, the embodiment of the national will, it was personified, and the article dropped, and in like manner the word *Government* is often used in the same way. Now in our time, as I have often had occasion to remark, society has become more intensely social, the feeling of union, and of mutual interest, the consciousness of reciprocal right and duty are strengthened, and the body of the nation is more habitually regarded as a homogeneous self-conscious agent. Hence, what we call "*the community*" is conceived of as a being, not as a thing, as an organic combination, a person in short, not as an assemblage of unrelated individuals. Accordingly, the word *community* is beginning to take the syntax of personal and personified nouns, and to reject the article, while *public*, which we employ in a sense implying less of common feeling and common interest than Latin usage ascribed to it, is uniformly construed with the article. The omission of the article before this noun, though not defensible, is not without a show of reason, and deserves less condemnation than "is being built" and "in respect of," which are, with most of those who use them, at best but philological coxcombs.

§ 11. The history of the classical languages and literature affords little encouragement to those who hope for further substantial improvement in the English speech, or even to those who are striving to arrest its degeneracy and decay. The tongues of Hellas and Rome had each but a single era of vigour and perfection; and the creative literature of Greece extends over a period but a hundred years longer

than that which has elapsed since Chaucer sang. Six centuries comprise all that has made the Grecian intellect immortal. Roman literature, essentially borrowed, or at least imitative, and commencing only after the oracles of Hellenic genius had ceased to give responses, flourished but half as long. So, in modern times, Italy was but three hundred years a power in the world of letters, and Spain had scarcely a longer age of intellectual activity. Germany, on the contrary, has an old literature and a new, a 'Nibelungen-Lied,' and after six centuries again a 'Faust;' and the present century affords evidence that the mind of the English race is rousing itself to win new prizes in the arena of letters. There was one cause of decadence in the classical languages which does not exist in those of the modern Gothic stock. Greece and Rome had no foreign fountains from which to draw, when their own were waxing turbid and dry, no old literature, no record of a primitive, half-forgotten language, no long-neglected but rich mine of linguistic wealth, whence the unwrought ores of speech could yet be extracted. and hence their literature died, because their tongues were consumed, their material exhausted. If such a fate awaits the genius and the language of the English people, it is but the common lot of all things human, but we are nevertheless far from the day when the resources of our maternal speech will all have been made available, and when nothing but stereotyped repetition will be left for our writers. The Saxon legions which the Norman irruption drove from the field may yet be rallied; and, with the renovation of our language, we may still hope for a blessing which was denied to Hellas and Latium: the revival of the glories of a national literature.

NOTES AND ILLUSTRATIONS.

ON THE PARTICIPIAL NOUN USED PASSIVELY. (See p 462.)

The following examples show that the form "in building," or, "a building," was in constant use from the very dawn of English literature to the seventeenth century. In III (I) Kings vi 7, we have, in the older Wycliffite version, *was beeldid*; in the later, was *in bldyng*; in a manuscript of the 14th century, quoted by Hearne, Langtoft's *Chronicle*, i cxcvii., while the church was *in byldyng*; in the old romance of *Robert the Devyle*, Thom's edition, p 8, as this chylde was a *berynge* to the church, p 32, whyle your penaunce be a *doynge*; in the prose *Morte d'Arthur*, lib ii c viii., the mene whyle as this was a *doynge*; in Skelton's *Tales*, Dyce's edition, i lxiv, there shall you see my tombe a *makynge*; in Lord Berners' *Froissart*, i 148, had beene longe a *makynge*, p 255, was longe a *drycynge*; in Palsgrave's *French Grammar*, pp 380, 382, 383, 384, *in doing*, and other similar constructions, in Tyndale's and Coverdale's translations, John ii 20, this temple was *abuylidyng*; in Cranmer's and the Geneva versions of the same passage, was a *byldynge*; in I. Peter iii 20, in Tyndale's, Coverdale's, Cranmer's, and King James's translations, while the ark was a *preparing*; in the Rhemish version of the same verse, was a *building*; but in the Geneva, the modern form, the ark was *preparing*; in Holingshed, iii. 126, whilst these things were a *dooin*; in I. Kings vi 7, authorized version, while it was *in building*; in Shakespeare, *Macbeth*, iii. 4, while 'tis a *making*, *Hamlet*, i 3, as it is a *making*; in John Smith's *Virginia*, 230, their shallop, which was a *mending*; in Howell's *Dodona's Grove*, 107, a *doing*; and in Hawley's Preface to Bacon's *Sylva Sylvarum*, *in doing*,—in both these last instances, as well as in all the others, in a passive sense.

Thus, from the fourteenth to the seventeenth century, the verbal noun, with the preposition *in* or *a*, appears to have been constantly employed. The

phrase, the ark *was preparing*, given from the Geneva New Testament, in Bagster's *Hexapla*, is probably a misprint for a *preparing*, as no other example of that form is known to occur until long after the date of that version. The only early instances of a construction bearing any analogy to the neologism is *being built*, which I have been able to find, are in Fabyan's *Chronicle*, Ellis's reprint of Pynson's edition of 1516. These are, page 1, "The Cytie of Rome was *begone to be buylded* in the XI yere of Ezechias," and p 576, "In this yere also was ye Guyld halle of Lodon *begon to be newe edyfied*;" but these have little direct bearing on the question. After the construction *in* or *a building, making, &c.*, went out of use, the verbal noun was regularly employed with a passive signification, as in this expression in the Twenty-third Letter of Junius, "the lines *are drawing* around him," until a very recent period.

Other examples of the use of the participial noun in a passive sense, are—"We have a wyndowe *in scorchynge*," Piers Ploughman, Vision, 1451, "Ther the man lith *an helyng*," *ibid*, 11599, "Whils *Veni Creator Spiritus* is a *singing*," Rutland Papers, 13; "In great adventure of *takynge* with the Sarazins," *Froissart*, i. 657; "In dout of *betraynge*," *ibid*, 734, "Whyle every thyng was a *preparynge*," *ibid*, ii. 746, "Whyle these wordes were *in speakynge*," Sir T More, *Life of Edw V*, reprint of Hardyng, 507, "I went to their places where they make their anchors, and saw some *making*;" also I saw great peeces of ordinance *making*," Coryat's *Crudities*, reprint, i 282, "While these preliminary steps were *takng*," Robertson, *Charles V*, b xu, "The illustrations *preparing* for the third volume," *Ruskin, Mod P*, vol ii., Advertisement, "The extent of ravage continually *committing*," *ibid*, p 5, note, but, "it is *being swept away*," *ibid*, same page, text; "the palaces *are being restored*," "the marbles *are being scraped*," *ibid*, p. 7, note.

LECTURE XXX.

THE ENGLISH LANGUAGE IN AMERICA.

§ 1. English language uniform in America. § 2. Local and general differences in America and England. § 3 Differences in pronunciation. § 4. Tendencies to divergence. § 5 Inconveniences of local dialects § 6. Circumstances tending to the eradication of minor differences. § 7. Influence of printing in producing uniformity of language.

§ 1. THE English language in America is necessarily much affected by the multitude of new objects, processes, and habits of life that qualify material existence in the new world, which, with sometimes incongruous architecture, we are building up out of the raw stock that Nature has given us ; by the great influx of foreigners speaking different languages or dialects, who, in adopting our speech, cannot fail to communicate to it some of the peculiarities of their own , by climatic and other merely material causes which affect the action of the organs of articulation, and of course the form of spoken words ; by the generally diffused habit of reading, which makes pronunciation and phrase more formal and also more uniform , and doubtless by other more obscure and yet undetected causes.

Thus far it can by no means be said that any distinct dialectic difference has established itself between England and the United States ; and it is a trite observation that, though very few Americans speak as well as the educated classes of Englishmen, yet not only is the *average* of English used in the United States, both in speaking and writing, better than that of the great mass of the English people, but there are fewer local peculiarities of form and articulation in our vast extent of territory than on the comparatively narrow soil of Great Britain. In spite of disturbing and distracting causes, English is more emphatically *one* in America than in its native land , and if we have engrafted on our mother-speech some widespread corruptions, we have very nearly freed the language, in our use of it, from some vulgar and disagreeable peculiarities exceedingly common in England.

So far as any tendency to divergence between the two countries exists, it manifests itself at present rather in the spoken than in the written dialect, in pronunciation rather than in vocabulary and grammatical structure. It can hardly be denied that a marked

difference of *accent* is already observable : but, though a very few words current on one side the Atlantic are either obsolete or not yet introduced upon the other, it would be difficult to frame a written sentence which would be pronounced good English by competent judges in America, and condemned as unidiomatic in England.

§ 2. Some noticeable local and general differences between American and British English may be explained by the fact that considerable bodies of Englishmen sometimes emigrated from the same vicinity, and that in their new home they and their multiplied descendants have kept together and continued to employ dialectic peculiarities of their native speech, or retained words of general usage which elsewhere perished. Thus the inhabitants of Eastern Virginia were early settlers, and have intermixed little with the descendants of other colonists or strangers. Hence, they are said to retain some Shakespearean words not popularly known in other American or even English districts ; and the dialect of South-eastern Massachusetts, which is inhabited by the unmixed progeny of the first immigrants, is marked by corresponding individualities. It is to the influence of such causes that we owe some excellent words, which have now become universal in the United States, as, for example, the verb *to wilt*, which has strangely been suffered to perish in England, without leaving any substitute or equivalent behind it.

In the use of colloquialisms, not only tolerated but preferred in conversation, though scarcely allowable in writing, the two nations differ considerably. What our own self-indulgences are in this respect it is difficult for an American to say, because he becomes conscious of them, as national peculiarities, only when his attention is called to them by criticisms which good-breeding seldom permits an Englishman to make. In England, on the other hand, an educated American hears, in the best circles, familiar expressions and grammatical licences which he would himself not venture to employ in America. For instance, he will most frequently hear *it is me*, and even *it is him*, instead of *it is I*, *it is he*. Some English grammarians think the former of these expressions defensible, and, in the analogy of the French and Danish languages, where the corresponding forms are not merely allowable, but obligatory, there lies an argument of some weight, but this apparent grammatical solecism is not sanctioned by Anglo-Saxon usage, or the authority of good writers.

The most important peculiarity of American English is a laxity, irregularity, and confusion in the use of particles. The same thing is, indeed, observable in England, but not to the same extent, though some gross departures from idiomatic propriety, such as *different to*, for *different from*, are common in England, which none but very ignorant persons would be guilty of in America. These may seem

trifling matters, and in languages abounding in inflexions they might be so. but in a syntax depending like ours so much upon the right use of particles, strict accuracy in this particular becomes seriously important

In the tenses of the verbs I am inclined to think that well-educated Americans conform more closely to grammatical propriety than the corresponding class in England. At least, the proper use of the compound preterite is more general with us. In English writers of some pretensions we meet such phrases as "this plate *has been* engraved by Albert Durer," "this palace *has been* designed by Michael Angelo," for *was* engraved, *was* designed. Such an abuse of the proper office of the preterite is never heard in America. In general, I think we may say that, in point of naked syntactical accuracy, the English of America is not at all inferior to that of England, but we do not discriminate so precisely in the meaning of words, nor do we habitually, either in conversation or in writing, express ourselves so gracefully, or employ so classic a diction, as the English. Our taste in language is less fastidious, and our licences and inaccuracies are more frequently of a character indicative of want of refinement and elegant culture than those we hear in educated society in England.

§ 3 The causes of the differences in pronunciation are partly physical, and therefore difficult, if not impossible, to resist, and partly owing to a difference of circumstances. Of this latter class of influences, the universality of reading in America is the most obvious and important. The most marked difference is, perhaps, in the length or prosodical quantity of the vowels, and both the causes I have mentioned concur to produce this effect. We are said to drawl our words by protracting the vowels, and giving them a more diphthongal sound than the English. Now, an Englishman who reads will habitually utter his vowels more fully and distinctly than his countryman who does not; and, upon the same principle, a nation of readers, like the Americans, will pronounce more deliberately and clearly than a people, so large a proportion of whom are unable to read, as in England. From our universal habit of reading, there results not only a greater distinctness of articulation, but a strong tendency to assimilate the spoken to the written language. Thus Americans incline to give to every syllable of a written word a distinct enunciation, and the popular habit is to say *dic-tion-ar-y*, *mil-it-ar-y*, with a secondary accent on the penultimate, instead of sinking the third syllable, as is so common in England. There is no doubt something disagreeably stiff in an anxious and affected conformity to the very letter of orthography, and to those accustomed to a more hurried utterance we may seem to drawl when we are only giving a full expression to letters which, though etymologically

important, the English habitually slur over, sputtering out, as a Swedish satirist says, one-half of the word, and swallowing the other. The tendency to make the long vowels diphthongal is noticed by foreigners as a peculiarity of the orthoepy of our language; and this tendency will, of course, be strengthened by any cause which produces greater slowness and fulness of articulation. Besides the influence of the habit of reading, there is some reason to think that climate is affecting our articulation. In spite of the greater coldness of our winters, our flora shows that the climate of even our Northern States belongs, upon the whole, to a more southern type than that of England. In southern latitudes, at least within the temperate zone, articulation is generally much more distinct than in northern regions. Witness the pronunciation of Spanish, Italian, Turkish, as compared with English, Danish, and German. Participating, then, in the physical influences of a southern climate, we have contracted something of the more distinct articulation that belongs to a dry atmosphere and a clear sky. And this view of the case is confirmed by the fact that the inhabitants of the Southern States incline, like the people of Southern Europe, to throw the accent towards the end of the word, and thus, like all nations that use that accentuation, bring out all the syllables. This we observe very commonly in the comparative Northern and Southern pronunciation of proper names. I might exemplify by citing familiar instances, but, lest that should be invidious, it may suffice to say that, not to mention more important changes, many a Northern member of Congress goes to Washington a *dactyl* or a *trochee*, and comes home an *amphibrach* or an *iambus*. Why or how external physical causes, as climate and modes of life, should affect pronunciation, we cannot say; but it is evident that material influences of some sort are producing a change in our bodily constitution, and we are fast acquiring a distinct national Anglo-American type. That the delicate organs of articulation should participate in such tendencies is altogether natural; and the operation of the causes which give rise to them is palpable even in our handwriting, which, if not uniform with itself, is generally, nevertheless, so unlike common English script as to be readily distinguished from it.

To the joint operation, then, of these two causes, universal reading and climatic influences, we must ascribe our habit of dwelling upon vowel and diphthongal sounds, or drawling, if that term be insisted upon. This peculiarity, it must be admitted, is sufficiently disagreeable, particularly to a delicate and fastidious native ear, to which natural sensitiveness and intimate familiarity have rendered the language intelligible enough, even when not pronounced with marked distinctness, but it is often noticed by foreigners as both making us more readily understood by them in speaking our own tongue, and as

connected with a flexibility of organ which enables us to acquire a better pronunciation of other languages than is usual with Englishmen * In any case, as, in spite of the old adage, speech is given us that we may make ourselves understood, our drawing, however prolonged, is preferable to the nauseous, foggy, mumbling thickness of articulation which characterizes the Cockney, and is not unfrequently affected by Englishmen of a better class.

It is to the same tendency to a prolonged and consequently distinct pronunciation of the vowels that we are to ascribe the general retention of some, and the partial preservation of other, vowel sounds in America, now pretty uniformly banished out of the orthoepy of English writers on pronunciation, though not yet quite out of the actual speech of the British people One of these is the sound of a in *none*, intermediate between the participle *known* and the noun *nun* This is rather peculiar to New England, and is used in *coat*, which is not made to rhyme with *quote* or *boat*, and in many other words The other is the long *e* in *there*, which Walker and his sequela make identical with *a* in *fate* This latter sound, as I have before remarked, is by most Continental phonologists justly regarded as distinct from the *a* in *fate*, and as properly the long vowel corresponding to the short *a* in *carry*, but it seems destined to extinction, and America is in this respect following the example of England.

There is, in many parts of the United States, a strange confusion with regard to the use of the letter *r*. Indeed, scarcely any consonantal sound undergoes so many modifications in pronunciation in different countries as this. In some languages it is pronounced with a vibration of the uvula, and is at the same time distinctly guttural, in others, it is articulated with a rapid vibration of the tongue, and a strong emission of the breath, in the Sandwich Islands it is scarcely distinguishable from *l*, and though marked by the rough breathing in some parts of the British Islands, in others it is but an aspiration almost as inarticulate as *h* The Romans called this consonant the *littera canina*, the snarling letter, and the modern Italians pronounce it with a very forcible trill. I believe the pronunciation

* The influence of the habit of full and distinct articulation in the orthoepy of the native language upon our pronunciation of foreign tongues is well exemplified in the readiness with which Italians acquire a good English accent. None of the Romance, or even Gothic nations, learn to speak English so well as the Italians. The same remark applies with great force to the Turks The articulation of the Turkish is so distinct, that upon first hearing it you follow the speaker syllable by syllable. The Turks acquire the sounds of foreign tongues with great facility The common seal-engravers of Constantinople, upon hearing a foreign name, will at once repeat it, and write it down for engraving, with as close a conformity to the true pronunciation as the Arabic alphabet admits of

I mentioned as characteristic of some American districts, is not peculiar to the United States, but occurs also in England. It consists in suppressing the *r* where it should be heard, and adding it where it should not. One need not go a day's journey from New York to find educated persons who call the municipal rule of action the *lor*, and yet style the passage from one room to another a *doah*.

Analogous to this are two English vulgarisms from which we are almost wholly free. No American young lady laments that she "never knows when to *hexasperate* the *haitch*," nor is any American Weller embarrassed as to whether he shall spell *real* with a *ue*. To ears accustomed to discriminate between the use and omission of the *h*, and between the letters *v* and *w*, it seems strange that they can ever be confounded, but I believe they are nowhere so clearly distinguished as in the United States. The Greeks and Romans, as I have observed in a former lecture, had the same embarrassment as the vulgar English with respect to the *h*, and it finally disappeared from the articulation of the Southern Romance languages altogether. Were it not for the influence of printing, the rough breathing of the *h* would probably long before this have ceased to be heard in English; and it is to the same cause alone that we are to ascribe the perpetuation of the distinction between the *v* and the *w*, one or the other of which has become obsolete in the pronunciation of most languages which originally possessed them both.

But to return: there are other differences between our American accent and that of the English, which are as yet too fleeting and subtle to admit of definition; and in fact we differ as widely among ourselves in this particular as any of us do from the people of Great Britain. So far as these shades of articulation can be characterized, they seem to me to lie chiefly in the intonation; and I think no Eastern man can hear a native of the Mississippi Valley use the *O* vocative, or observe the Southern pronunciation of ejaculatory or other emphatic phrases, without perceiving a very marked, though often indescribable, difference between their and our utterance of the same things.

§ 4 The integrity and future harmonious development of our common English speech in England and America is threatened by a multitude of disturbing influences. Language, being a living organic thing, is, by the very condition of its vital existence, by the law of life itself, necessarily always in a progressive, or at least a fluctuating state. To fix it, therefore, to petrify it into immutable forms, is impossible, and, were it possible, would be fatal to it as a medium of intercommunication suited to the ever-changeable life of man. But, at the same time, something can and should be done to check its propensity to wandering growth, and especially the too rapid divergence of what may ultimately become the two great dialects of the

English tongue At present, the predominance of the commercial and the political over the social relations of the two countries makes the unity of our written speech especially important, but the wonderful increase in the facilities of travel, destined perhaps to be superseded by other still swifter conveyances, is constantly multiplying the means and the occasions of personal communication between the two peoples, and, indeed, we are already in time, almost in space, nearer to England than to the remoter borders of our own wide-spread empire. The sea is, even now, no longer what Horace found the Adriatic—a gulf of dissociation—but a bond of union, a pathway of rapid intercommunion, and, with increased frequency of individual intercourse, grows also the importance of the identity of our spoken tongue. Let me, therefore, express my entire dissent from the views of those who would embitter the rivalries of commerce by the jealousies of a discordant dialect—who would hasten the process of separation between the stock and the offshoot, and cut off the sons of the Pilgrim and the Cavalier from their common inheritance in Chaucer and Spenser, and Bacon and Shakespeare, and Milton and Fuller, by Americanizing, and consequently denaturalizing, the language in which our forefathers have spoken, and prayed, and sung, for a thousand years. If we cannot prevent so sad a calamity, let us not voluntarily accelerate it. Let us not, with malice prepense, go about to republicanize our orthography and our syntax, our grammars and our dictionaries, our nursery hymns and our Bibles, until, by the force of irresistible influences, our language shall have revolutionized itself. When our own metaphysical inquirers shall establish a wiser philosophy than that of Bacon, when a Columbian Shakespeare shall awake to create a new and transcendent genus of dramatic composition; and when the necessities of a loftier inspiration shall impel our home-born bards to the framing of a nobler diction than the poetic dialect of Albion, it will be soon enough to repudiate that community of speech which, in spite of the keenly conflicting interests of politics and of commerce, makes us still one with the people of England.

§ 5. The inconveniences resulting from the existence of local dialects are very serious obstacles to national progress, to the growth of a comprehensive and enlightened patriotism, to the creation of a popular literature, and to the diffusion of general culture. In a state where the differences of speech are numerous and great, the community is divided into so many disjointed fragments, that the notion of a commonwealth can scarcely be developed; for speech is the great medium of sympathy between man and man; and even the animosities of rival religions are not more deep-seated and irreconcilable than the jealousies and repugnances which never fail to exist between neighbouring peoples who have no common tongue.

Where there are numerous dialects, but few can be so far cultivated as to possess a living literature, and many even will exist only in the form of unwritten speech. Poverty, want of opportunity, sectional pride, will prevent most of those who have no written language from acquiring the dialect of their more fortunate neighbours who possess a literature, and but few intelligent philanthropists will occupy themselves with the intellectual or the spiritual interests of those with whom, though of the same race and the same commonwealth, they can communicate only through an interpreter. What we regard as distortions of our mother-tongue are more offensive to us than the widest diversities between it and unallied languages; and we regard a fellow-citizen who speaks a marked provincial English with a contempt and aversion which we do not bestow upon the foreigner who speaks no English at all. The unhappy jealousies which have a hundred times defeated the hopes of Italian patriots are very intimately connected with their differences of language. Every province, every great city, has its dialect, often unintelligible, always ridiculous, to the natives of a different locality; and one finds in the popular literature of Italy—as, for instance, in the ‘*Secchia Rapita*’—frequent exhibitions of a mutual hate, apparently imbibited quite as much by differences of speech as by rivalries of interest. Of course, all educated persons know the Tuscan, which the great Florentines, Dante, and Petrarch, and Boccaccio, made the language of literature; but, as Byron says,

“Few Italians *speak* the right Etruscan,”

and in Sicily the people repudiate not only the Tuscan dialect, but the Italian name. Fifteen or twenty of the provincial dialects have been reduced to writing, and more or less made known by the press; but one only has become a medium of communication beyond its own native borders. Every Italian, then, has two languages, one for his home, his fireside, his friends, the narrow plain, or valley, or mountain he calls his country, another, for all the world without; and he bestows the unkindly name of foreigner upon even his brother Italian whose speech bewrays him as a native of an adjacent province.

The inconveniences of local dialects are infinite to the people of a country divided by them; and nothing but personal observation can enable us to realize the annoyances of a traveller who, desiring to extend his observations beyond the sphere of the hotel and the museum, and to learn something of the rural and domestic life of the people, finds his curiosity hourly baffled by the impossibility of free communication with the humble classes, in many European countries, where the dialect changes almost at every post.

The philanthropist may extract some consolation out of this con-

fusion, in the reflection that the want of a community of speech in countries of ancient, deep-rooted, and fixed institutions, though a great, is not an unmixed, evil. Like the corresponding peculiarities of local costume, occupation, and habits, it has its use in the scheme of Providence, as a means of checking the spread of popular excitements, and of too rapid movement of social changes, which, though ultimately beneficial, yet, like the rains of heaven, produce their best effect when neither very hastily precipitated, nor very frequently repeated.

We cannot, upon either side of the ocean, expect to be exempt from that general law of language which, more than anything else, argues it to be man's work, not his nature—the law of perpetual change. Man himself is immortal, immutable. His passions, his appetites, his powers, are everywhere and at all times, in kind, almost in degree, substantially the same, but whatsoever he fashions is infinite in variety of structure, frail in architecture, unstable in form, and transitory in duration. All this is eminently true of his language, and therefore, I repeat, to this law our speech must bow. But we may still avail ourselves of a great variety of means and circumstances peculiar to modern society, to retard the decay of our tongue, and to prevent its dissipation into a multitude of independent dialects.

The original causes of dialectic difference are very obscure, and, with the exception of those which depend on the physical influences of climate, they are usually very restricted in their territorial range. In countries naturally divided into numerous districts separated by mountains, rivers, marshes, or other obstacles to free intercommunication, every isolated locality has usually its own peculiarities of speech, more or less distinctly marked in proportion as the community is more or less cut off from intercourse with the nation at large. As the construction of roads, canals, and other means of transport, opens new channels and increased facilities of commerce, these peculiarities disappear, and in all parts of the civilized world such internal improvements are rapidly extending, and numerous local dialects, and even some independent languages, seem doomed to a speedy extinction.

§ 6. The causes which tend to extirpate existing dialectic peculiarities are even more powerfully influential in preventing the formation of diversities, and the physical character of our own territory is such as to encourage the hope that our speech, which, if not absolutely homogeneous, is now employed by 25,000,000 of men, in one unbroken mass, with a uniformity of which there is perhaps no other example, will escape that division which has shattered some languages of the Old World into fragments like those of the confusion of Babel. The geography of the United States presents

few localities suited to human habitation that are at the same time inaccessible to modern improved modes of communication. The carriage-road, the railway, the telegraph, the mails, the newspaper, penetrate to every secluded nook, address themselves to every free inhabitant, and speak everywhere one and the same dialect

Independently of the influences of physical improvement, or rather, perhaps, as a fruit of it, there are circumstances in the condition of modern society which are constantly active in the eradication of its minor differences, and in producing a general amalgamation of all its constituents, and a harmony between all instrumentalities not inherently discordant. Men, though individually less stationary, less attached to locality, are becoming more gregarious in the mass; the social element is more active, the notion of the solidarity and essential unity of particular nations, if not of the race, is more a matter of general consciousness; the interests of different classes and districts are more closely interwoven; and the operations of governments are more comprehensive and diffused than at any former historical epoch. Look, for instance, at the influence of the monetary corporations connected with finance, with internal improvements, with fire-insurance, and with manufactures. The negotiability of their capital diffuses their proprietorship through wide regions of territory, through all classes of society. Their administration requires frequent communication between their shareholders, and between the direction and its numerous agents, as well as with the millions who in one way and another are affected by their operations; and thus every one of these corporations, mischievous as in many respects their influence is, serves as a bond of connexion, a means and an occasion of more intimate communication between city and country, rude and cultivated, rich and poor. Add to these our great charities, the crowning glory of this age, which combine the efforts, harmonize the sympathies, and bring together in free communion thousands who, but for such attractions, had never been led to act or think or speak in unison, and further, our political associations, which gather their annual myriads to listen to the living voice of eloquence from the mouth of one orator nursed on the banks of the Mississippi, of another who learned his English in the lumber camps of Maine, and of a third who dwells by the lakes of the great North-west—all speaking, and so all teaching, one dialect of one tongue. In like manner, our Government, acting through its army, its navy, its revenue-service, its post-office, is continually mingling, in all its departments, the separate ingredients of our population, communing daily with the remotest corners, everywhere employing, and forcing all alike to employ, one form of syntax, one standard of speech, one medium of thought.

§ 7. I believe the art of printing, and especially the periodical

press, together with the general diffusion of education, and the press alone has made possible, is the most efficient instrument for producing uniformity of language and extirpating dialect. With modern facilities of transit and transport, the present great tendency to centralization, the leading newspapers are sure of almost universal circulation. They are more quoted than any other sources of information. The accuracy of reporters makes the newspapers channels of information, not the thoughts only, but almost the very accents of the speakers, are published to the nation; and so swift is the communication, that words uttered to-day by a great man in New York are repeated to-morrow in every hamlet of a territory as large as the Spanish peninsula.

The influence of printing, and of a general ability to read, in producing, and then maintaining, a uniformity of dialect, is probably and curiously exemplified in the Christian population of Asia Minor.

The modern Greeks, as they are called, for reasons which will be explained hereafter, and because of their community of speech, are a people composed of a group of fragments of peoples, very diverse in their origin, and much scattered in their abodes, extending through the whole of the empire, as well as the Hellenic territory proper, and into various communities, often separated by wide distances or by natural barriers, surrounded by tribes speaking very different languages, and therefore exposed to continual and discordant influences of speech, and having, moreover, in general, little resemblance to the old Hellenic race, no common political interests, and no common commercial intercourse. Their only bond of real union is the language, which among them supplies the same place that commerce does in other nations. The ancient Greeks, occupying a few localities, much more nearly allied in blood, more closely united politically, possessing greater facilities and motives for communication, often gathering from their remotest parts to the great metropolitan festivals of Athens, of Corinth, and of other cities, and, above all, possessed of a common literature, the classics were the daily bread of every Greek intellectual. They not only spoke, but wrote, in dialects distinguished by marked differences of articulation, inflexion, syntax, and vocabulary. The modern Greeks, on the other hand, both speak and write with entire uniformity, but, saving some limited local exceptions, yet with a general similarity of dialect seldom found in languages whose territorial range is so

thography and the same syntax. Like effects have resulted from the same cause in Germany. The dialects are dying out, just in proportion as the more general dissemination of instruction multiplies readers, and encourages the diffusion of printed matter. If printing has not yet conferred the same benefit upon Italy, it is because the detestable tyrannies under which the peninsula has groaned for centuries have fettered the press and excluded the masses from the advantages of education. Where there are neither books nor journals, there can be no readers; and where language is not controlled and harmonized by literature, the colloquial speech will be variable, irregular, and discrepant.

Of all countries known in history, the North American republic is most conspicuously marked by the fusion, or rather the absence, of rank and social distinctions, by community of interests, by incessant and all-pervading intercommunication, by the universal diffusion of education, and by abundant facility of access, not only to the periodical conduits, but to the permanent reservoirs of knowledge. The condition of England is in all these respects closely assimilated to that of the United States; and not only the methods, but the instruments, of popular instruction are fast becoming the same in both; and there is a growing conviction among the wise of the two great empires, that the highest interests of both will be promoted by reciprocal goodwill and unrestricted intercourse, perilled by jealousies and estrangement.

Favoured, then, by the mighty elective affinities, the powerful harmonic attractions, which subsist between the Americans and the Englishmen as brothers of one blood, one speech, one faith, we may reasonably hope that the English tongue on both sides of the Atlantic, as it grows in flexibility, comprehensiveness, expression, wealth, will also more and more clearly manifest the organic unity of its branches, and that national jealousies, material rivalries, narrow interests, will not disjoin and shatter that great instrument of social advancement, which God made one, as He made one the spirit of the nations that use it.

APPENDIX.

ORIGIN OF LANGUAGE.*

THE word *language*, in its most limited application, is restricted to human articulate speech, but in its metaphorical use it embraces every mode of communication by which facts can be made known, sentiments or passions expressed, or emotions excited. We speak not only of the audible language of words, the visible language of written alphabetic characters, or other conventional symbols, whether arbitrary or imitative, the dumb and undefinable language of manual signs, of facial expression and of gesture, but of the language of brute beast and bird, and we apply the same designation to the promptings of the silent inspiration, and the lessons of the intelligible providence, of the Deity, as well as to the voice of the many-tongued operations of inanimate nature. Language, therefore, in its broadest sense, addresses itself to the human soul both by direct intuition, and through all the material entrances of knowledge. Every organ may be its vehicle, every sense its recipient, and every form of existence a speaker.

Many men pass through life without pausing to inquire whether the power of speech, of which they make hourly usage, is a faculty or an art—a gift of the Creator or a painfully-acquired accomplishment—a natural and universal possession, or a human invention for carrying on the intercommunication essential to social life.† We

* [The following remarks form a portion of Mr Marsh's second lecture; but, as they have no special bearing upon the English language, it has been considered desirable to insert them at the close of the work as an Appendix.—ED.]

† A similar question has been raised with regard to the cries of animals, which, for certain purposes at least, perform the office of speech. About the beginning of this century, Daines Barrington, a member of the Royal Society, tried a series of experiments to determine how far the notes of birds were spontaneous and uniform, and how far dependent on instruction and imitation. The result (which, however, has been questioned by later observers) was that, though there is much difference in flexibility, power, and compass of voice in birds of different species, yet, in general, the note of the bird is that which he is taught in the nest, and with more or less felicity of imitation he adopts the song of his nurse, whether the maternal bird or a stranger. To what extent the notes of birds, of beasts, of insects and of fish (for, in spite of the proverb, all fishes are not dumb) are significant, it is quite out of our power to determine.

may answer this query, in a general way, by saying that the use of articulate language is a faculty inherent in man, though we cannot often detect any natural and necessary connexion between a particular object and the vocal sound by which this or that people represents it. There can be little doubt that a colony of children, reared without hearing words uttered by those around them, would at length form for themselves a speech. What its character would be could be determined only by the method of Psammetichus, an experiment too cruel to be repeated by inquirers intelligent enough to be interested in the result. It is not improbable that a language of manual signs would precede articulate words, and it may be presumed that these signs would closely resemble those so much used as a means of communication among savages, and which are, to a great extent, identical with what have been called the natural signs of the deaf-and-dumb. If you bring together two uneducated but intelligent deaf-mutes from different countries, they will at once comprehend most of each other's signs, and converse with freedom, while their respective speaking countrymen would be wholly unable to communicate at all. And it is often observed at deaf-and-dumb asylums, when visited by natives of Polynesia, or American Indians, that the pupils and the strangers very readily understand each other, Nature suggesting the same symbols to both. Thus, the savage and the deaf-mute alike express the notion of parity in general, and especially the fraternal relation, by joining and extending the two fore-fingers. The all-observing Shakespeare must have remembered this when he made Fluellen say, "As like as my fingers is to my fingers."* In this instance, as

Coleridge, tenaciously as he adheres to the essential distinction in kind between the faculties of the brute and the man, admits that the *dog* may have an *analogon* of words (*Aids*, Aph. ix.)

All will agree in denying to the lower animals the possession of language as a means of intellectual discourse; but even this conclusion must rest upon stronger grounds than the testimony of the ear. Sounds which to our obtuse organs appear identical may be infinitely diversified to the acuter senses of these inferior creatures, and there is abundant evidence that they do in many instances communicate with each other by means, and in a degree, wholly unappreciable by us. When a whale is struck, the whole shoal, though widely dispersed, are instantly made aware of the presence of an enemy; and when the gravedigger beetle finds the carcase of a mole, he hastens to communicate the discovery to his fellows, and soon returns with his four confederates. (*CONSCIENCE. Book der Natur*, vi.) The distinction we habitually make between articulate and inarticulate sounds, though sufficiently warranted as applied to human utterance, may be unfounded with reference to voices addressed to organizations less gross; and a wider acquaintance with human language often teaches us that what to the ear is, at first, a confused and inexpressive muttering, becomes, by some familiarity, an intelligible succession of significant sounds.

* I remember that when I told a Turcoman, in reply to a question whether

also when the savage and the deaf-mute both express the speaking of truth by passing the extended index directly forwards from the lips, and the utterance of falsehood by carrying it crookedly sideways, there seems to be some natural analogy between the gesture and the thought. So the coincidence, by which they agree in moving the hand with a rapid circular or spiral motion over the top of the head to indicate a fool, though less familiar, is equally explicable, but there are signs common to the savage and the deaf-mute, or at least mutually intelligible to them, which are apparently arbitrary, and without any discoverable relation to the thing signified.

Trained as we are to a grave and unimpassioned manner, it is difficult for us to realize that the movements and gestures with which Italian vivacity accompanies its social intercourse are all really significant. But, though in the cultivated circles of Italy and other countries of Southern Europe manual signs are less resorted to, yet telegraphic communications by hands, face, feet, the whole person, in short, are everywhere kept up as qualifications of animated oral discourse. A foreigner, therefore, who understands no language but that addressed to the ear, loses much of the point of the lively conversation around him. Among the lower classes in the Mediterranean countries the use of signs, with or without words, is very general. If you ask an Italian servant who has returned empty-handed from the post-office whether he has letters for you, he will reply by moving his uplifted fore-finger slowly backwards and forwards before his nose, while a Greek, under similar circumstances, would throw back the head, elongate the face, roll up the eyes, and give a cluck with the tongue, not unlike the note of a setting hen. You see the coachmen, servants, and others of the lower classes in Italy, constantly communicating by signs, sometimes, indeed, throwing in a word, but often expressing a whole sentence in a silent gesture, and in conversation, especially on subjects where caution is necessary, a speaker will often stop in the middle of a period, and finish his remarks in

I was an Englishman, that I was an American, he expressed his notion of the identity of the two peoples by the same sign.

Dampier, *Voyages*, 1703, I. 359, says "They (the people of Mindanao) would always be praising the English, as declaring that the English and the Mindanaians were all one. Thus they express by *putting their two fore-fingers close together*, and saying that the English and Mindanaians were *samo*, that is all one."

In the curious *Livre des Faits* de Jean Bouciquant, p. 1, c. xxv, it is stated that, when the French knights were taken prisoners by the Turks at the battle of Nicopolis, the Count de Nevers saved Bouciquant from execution by claiming him as a brother, or near friend, by the same sign. "*Si l'advisa Dieu tout soudainement de joindre les deux doigts ensemble de ses deux mains en regardant le Basat, et fit signe qu'il luy estoit comme son propre frere et qu'il le repust, lequel signe le Basat entendit tantôt, et le fit laisser.*"

dumb pantomime. Italian scholars have shown that the sign-language of modern is very closely analogous to that of ancient Italy, to which the classical writers often allude, and its origin dates back very far into the night of time. In an artistic point of view, a knowledge of these signs is of considerable interest, for it serves to interpret much of the action in the pictorial compositions of Italian masters which would be otherwise hardly intelligible.* Besides articulate sounds and the language of signs, we have another means by which we often, involuntarily and unconsciously, communicate, or rather betray, if not facts, at least the state of our own minds, our thoughts and feelings, prompted by known or supposed facts. I refer here to the spontaneous action of the muscles of the face, and sometimes of the whole frame, when we are excited by powerful emotions, or are specially interested in the topic of a conversation which we hear or participate in. That much practice may enable any one to control, in a great degree, this involuntary expression is undoubtedly true; but an acute observer of the human face can, in very many cases, read what is passing in the breast of another, in spite of the most strenuous efforts to conceal it. So much more truth-telling than words, in fact, are these self-speaking muscles to those who have studied their dialect, that it is a current adage that language was given us to enable us to conceal our thoughts.

There is a familiar class of words called imitative, or, to use a hard term, onomatopoeic, where there is an evident connexion between the sound and the sense. These are all, or nearly all, words descriptive of particular sounds, or acts accompanied by characteristic sounds, such as buzz, crash, gurgle, gargle, hum, whiz, coo, howl,

* The language of gesture is so well understood in Italy, that, when King Ferdinand returned to Naples after the revolutionary movements of 1822, he made an address to the lazzaroni from the balcony of the palace, wholly by signs, which, in the midst of the most tumultuous shouts, were perfectly intelligible to his public. He reproached, threatened, admonished, forgave, and finally dismissed the rabble as thoroughly persuaded and edified by the gesticulations of the royal Punch, as an American crowd by the eloquence of a Webster. The system of semeiology, if I may coin a word for the occasion, is even more perfected in Sicily, and it is traditionally affirmed that the famous conspiracy of the Sicilian Vespers was organized wholly by facial signs, not even the hand being employed. The general use of signs in Italy has grown, in a great measure, out of the fact that their swift expressiveness is often better suited to the rapid communication required by an impassioned people than the slow movement of articulate phrase. But there is another reason for the employment of a sign-language in the States of the Church, in Naples, and other despotic countries. Every man knows that he is constantly surrounded by spies, and it is therefore safer to express himself by gestures, whose application is unintelligible to a listener not already acquainted with the subject to which they refer, and which, besides, cannot be so readily recorded or repeated, even when understood.

bellow, roar, whistle, whine, creak, cluck, gabble; and, in conversation, we often allow ourselves to use words of this class not to be found in the largest dictionaries. The remark of a contemporary of Dr. Johnson, that much of the effect of his conversation was owing to his "bow-wow way," will be remembered by every one. A great modern English poet, following the authority of Sidney, has even introduced into verse a word borrowed from the voice of the sheep, when, speaking of certain censurable follies, he calls them "*baaing* vanities." That these resemblances are in many instances imaginary, appears from the fact that different nations sometimes express the same sound by different imitative words. Thus, we represent the report of firearms by the word *bang*! the Germans by *puff*, or *paff*! and Sylvester, in his translation of Du Bartas, published two centuries and a half since, uses *porl*, *porl*, instead of the modern *caw*, *caw*, as an imitation of the note of the raven.*

There has been much ingenious and plausible speculation upon the natural significance of articulate words, and it is at least established that certain elementary sounds are very extensively, if not universally, employed to express certain primary conceptions. The subject has not, however, yet been prosecuted far enough to bring us to very precise results, but we are probably authorized to say that, as a general law, there does exist, or has existed, a natural connexion between the sound and the thing signified, and consequently that the forms of language are neither arbitrary or conventional on the one hand, nor accidental on the other, but are natural and necessary products of the organization, faculties, and condition of man. Nay, some philologists maintain that the laws of the germination and growth of these forms are so constant, that if the structure and powers of the organs of speech, and all modifying outward conditions affecting the internal or external life of a particular race, could be precisely known, their entire language might be predicted and constructed beforehand with as much certainty as any other result of the action of human faculties. Hence it would follow that a resemblance between particular radicals or grammatical forms in different languages does not prove that one is derived from the other, or that both

* A passage, cited by Suidas from Cratinus, imitating the bleating of sheep, has been appealed to as a proof that the pronunciation of the modern Greeks is erroneous, because, according to their orthoepy, the syllables in question would be sounded not *ba*, *ba*, but *re*, *re*. On the other hand, it might be observed, that perhaps the Grecian sheep in the time of Cratinus were of breeds whose bleat was as distinct from that of the modern European stock as the croaking of what Tassoni calls the "*syrens* of the ditch," in Western Europe, is from that of their aquatic brethren of Athens, whose song, as every observing traveller in Greece can testify, the *βρεκεκεκί kodḗ kodḗ* of the Aristophanic comedy so well represents.

are historically referable to any one original source ; but the likeness may be simply an instance of a similarity of effect from the operation of similar causes. It would, therefore, be conceivable that words identical in form, yet absolutely new, might even now spring up simultaneously or successively in nations between which there is no communication, and no connexion but that which is implied in unity of species and of organization. When, therefore, we find in the language of the Tonga Islands the verb *ma té*, *to kill*, we are not authorized to infer an affinity between that speech and the Spanish, which uses *matar* in the same sense, or the Latin, which has *ma ctare*, also of the like signification. We must either refer such cases to some obscure law of universal humanity, or agree with an old writer, who remarks that—

“The judicious behold these as no regular congruities, but casual coincidences, the like to which may be found in languages of the greatest distance, which never met together since they parted at the confusion of Babel ; and we may not enforce a conformity between the Hebrew and the English because one of the three giants, sons of Anak, was called *A-hi-man*.”

The origin of language is shrouded in the same impenetrable mystery that conceals the secrets of our primary mental and physical being. We cannot say, with some, that it is of itself an organism, but we regard it as a necessary, and therefore natural product of intelligent self-conscious organization. Yet we do not believe that the rage of the naturalistic school of philosophy for detecting law and principle where our limited human faculties must be content to accept ultimate fact, will ever succeed in pointing out the *quo modo*, the *how*, of its germination and early development. We know no language in a state of formation. So far as observation goes, its structure is as complete among the most unlettered savages, and in the remotest periods, as in the golden age of Hellenic literature. The history of its changes we can but imperfectly trace ; the law of its being lies beyond our reach. Its contemporary mutations even elude us, and to most of our inquiries into the rationale of its forms we find no more satisfactory answer than the one given by the quaint author of the ‘*Religio Medici*,’ in the seventh of his *Miscellany Tracts*,—

“Why saith the Italian, Signor, si ! the Spaniard, Si, Señor ?
Because the one puts that behind, the other puts before.”

But though the faculty of articulate speech may be considered natural to man, it differs from most other human powers, whether organic or incorporeal, in this : that it is a faculty belonging to the race, not to the individual, and that the social condition is essential, not to its cultivation, but to its existence. Hence, its exercise

is not spontaneous, or in any sense self-taught, as are all purely organic processes. Nevertheless, considered in its mode of action, the use of the mother-tongue may be regarded as an instinctive function, because it is acquired through the promptings of natural impulses, and without any conscious calculating effort. We retain no recollection of the process by which we learned to understand and employ our maternal speech, at least as respects that portion of it which is mastered in infant life, and not taught in the artificial form it assumes in books. In actual speaking, the movement, both physical and intellectual, is as completely automatic and unconscious as the action of the nerves, muscles, and tendons, by whose instrumentality the hand is raised or the foot thrown forward. We will the result, and it follows mechanically in both cases, so far as any conscious operation of our volition upon the material agencies is concerned. It is, therefore, no abuse of words to call the mother-tongue, as the unlearned often do, our *natural* language.

Speech, fully possessed and absolutely appropriated, is purely subjective, but it becomes inorganic and foreign when we make it matter of objective study, observation, or conscious effort. Learning a foreign language, or even studiously conforming our own to abstract rule, is analogous to those half-intellectual, half-corporeal processes by which we acquire the power of controlling the action of the involuntary muscles, so as to give movement to parts of the system ordinarily quiescent, and speech, like bodily motion, is seldom graceful or free, except while its action is spontaneous. The moment it betrays itself as artificial, it becomes constrained, awkward, unelegant. And hence it is that the mother-tongue, though it may be forgotten, can never be completely supplanted or supplied by any other. Those who grow up speaking many languages, very seldom acquire a complete mastery over any of them. They are linguistic orphans, without a maternal speech, and they use language not as an organ, but as an implement.*

X

* It is wonderful to what extent purely conventional articulate symbols may be made to supply the place of a more natural language, and to serve as a means of very varied communication. In most of these cases, the signs agreed upon must be considered as standing for words, not ideas, and they are rather an index to speech than a language of themselves. Take the exhibitions often witnessed, where, when you show an object to one in the secret, a confederate, blindfolded or in an adjoining room, will instantly name it. A method of communication in such cases is this. The parties agree to designate certain words of frequent occurrence, chiefly names of familiar objects, by numerals, and the table of words and their corresponding numbers is committed to memory by both. The simple digits up to nine, including also the cipher, will represent words which may, without exciting suspicion, be used in asking the name of the object. Let us suppose 1 to stand for *what*, 2 for *is*, and 3 for *this*, and further, that the number corresponding to *pen-knife* is 123. The pro-former,

when a spectator produces a pen-knife, asks, "What is this?" The confederate combines the corresponding numerals 1, 2, 3, into the number 123, the answer to which is *pen-knife*. Or again, 4, 5, and 6 may stand respectively for *tell*, *me*, and *now*, and the number 645 for *pencil*. A pencil is held up by a spectator, the conjuror cries, "Now, tell me!" and the answer 6, 4, 5—645, a *pencil*, is at once given. I have known this numeral vocabulary carried up to four thousand words, and the principle is capable of almost unlimited variation and extension.

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